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Jan to June - 1949

DATE DUE

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UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

Jan '49

February 4, 1949.

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Bannerwis	2/8/49	2/11/49
El Morro			
Canyon de Chelly	[illegible]	3/23	3/25/49
Chaco Canyon	[illegible]	3/30/49	4/8/49
Aztec Ruins	[illegible]	4-10-49	4-11-49
Arches	B.E. Wilson	?	4-26-49
Great Sand Dunes	[illegible]	4-29-49	4-30-49
Capulin Mountain	[illegible]	5/7-49	5-10-49
Gran Quivira	[illegible]	5-17-49	5-18-49
White Sands	[illegible]	5-19-49	5-20-49
Region Three Office--Mr. King			

(List No. 1.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

February 4, 1949.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for the Naturalists of the Southwestern national monuments for January 1949.

Staff Activities, General

Naturalist Dale S. King and Archeologist Gordon Vivian were in the office during the month.

Archeologist Charlie R. Steen made an inspection trip to Aztec Ruins and Walnut Canyon.

Interpretive Administration

King accomplished preliminary editing of a manuscript prepared by the Montezuma Castle staff for a proposed 50-page government booklet.

Steen wrote one letter dealing with correct designations for the various excavated ruins of Casa Grande.

Public Relations

Photographs of Montezuma Castle and Well were furnished author Nell Murbarger for an article she hopes to publish on that monument.

Suggested news story was furnished to the Superintendent, Aztec Ruins for release to clear up conflicting press reports on the addition of the Hubbard Mound to the monument.

Progress of Exhibit Plans and Projects

Museum Curator Macy prepared two excellent sketches of proposed exhibits in wayside displays at Arches.

The preliminary exhibit plan for Walnut Canyon was returned from the Director, but the detailed comments by the Museum Division were misplaced and did not arrive with the plan.

A plan for proposed revision of the pueblo religion case at Bandelier was received from Ranger Onstott and forwarded to the monument for action. Some

Aztec

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Aztec

correspondence ensued with Casa Grande and Tonto regarding improvements in multiplex exhibits and museum labels, respectively.

Loan Library

The library catalogue was kept current. Accessions were 37 books, 34 pamphlets, and 49 periodicals. The more important books received were:

Boas, Franz (editor) - General Anthropology. War Department Education Manual-EM 226. Published for U. S. Armed Forces Institute by D. C. Heath and Co. 1944; (same context as the 1938 edition.)

Bolton, Herbert E. - The Spanish Borderlands. Yale University Press, New Haven, 1921.

Brodie, Fawn M. - No Man Knows My History. Alfred A. Knopf, New York, 1946. (Biography of Joseph Smith.)

Bureau of American Ethnology, Smithsonian Institution, Washington, D.C. The following Annual Reports:

1st - 1879-80.
Powell - Evolution of Language.
Powell - Mythology of North American Indians.
Powell - Limitations of Anthropologic Data.
Yarrow - Mortuary Customs, North American Indians.
Mallery - Sign Language.

5th - 1883-84.
Mathews - The Mountain Chant.
Stevenson - Religious Life of the Zuni Child.

6th - 1884-85.
Holmes - Textile Art.

10th - 1888-89.
Mallery - Picture Writing of North American Indians.

11th - 1889-90.
Stevenson - The Sia.

13th - 1891-92.
Mindeleff, Cosmos - Aboriginal Remains in Verde Valley.
Mindeleff, C. - Casa Grande Ruin.
Cushing - Zuni Creation Myths.

correspondence second with Case Grants and Texas requesting information in multiple copies and number labeled, respectively.

Case Library

The library catalogue was kept current. Inquiries were by books, by subjects, and by periodicals. The more important cases received were:

Ewen, Frank (editor) - Imperial Anthroposophy. New Jersey: Princeton Theological Seminary. Published for C. E. Stuart Foundation by E. S. Ewen and Co. 1951. [Case student or the 1951 edition.]

Fulton, Richard E. - The Spanish Tennis Issue. Sale Security Press, San Diego, 1953.

Hyatt, Ivan E. - He Was Found by Mistake. Alfred A. Knopf, New York, 1951. [Injury of deaf boy.]

Bureau of Business Efficiency, Institutes Facilities. Washington, D.C. The following annual Reports:

1st - 1939-40.
Result - Decision of Jurisprudence.
Result - Availability of Tennis Business Station.
Result - Limitations of Antiquatic Data.
Tarrow - Secretary Contract, Forth Business Tennis.
Military - High Jurisprudence.

2nd - 1940-41.
Returns - The Economic Cases.
Proceeds - Military Life of the Post Field.

4th - 1942-43.
Tennis - Tennis art.

5th - 1943-44.
Military - Future Policy of Tennis American Problem.

11th - 1949-50.
Proceeds - The 21s.

12th - 1950-51.
Monthly, Cases - Analytical Lawsuits in Tennis Valley.
Monthly, C. - Gas Tennis Data.
Costing - Real Property Cycle.

15th - 1893-94.
Fewkes - Tusayan Katcinas.
Mindeleff - Repair of Casa Grande Ruin.

16th - 1894-95.
Mindeleff - Cliff Ruins of Canyon de Chelly.
Fewkes - Tusayan Snake Ceremonies.

17th (part 2) - 1895-96.
Mindeleff - Navajo Houses.
Fewkes - Expedition to Arizona in 1895.

18th - 1896-97.
Royce - Indian Land Cessions in the U. S.

19th (part 2) - 1897-98.
Fewkes - Tusayan Migration Traditions.
Fewkes - Tusayan Flute and Snake Ceremonies.

21st - 1899-1900.
Fewkes - Hopi Katchinas.

Colby and Foster - Economic Geography. War Department Education Manual EM 222. USAFI, 1944.

Eickmeyer, Carl - Over The Great Navajo Trail. J. J. Little and Co., New York, 1900.

Geiser, Samuel Wood - Naturalists of the Frontier. Southern Methodist University Press, Dallas, 1948.

Jones, Clarence F. - Economic Geography. War Department Education Manual EM-230. USAFI, 1944.

Nute, Grace Lee - The Voyaguers Highway. Minnesota Historical Society, St. Paul, 1945. (Fur Trade.)

Ogburn, W. F. and M. F. Nimkoff - Sociology (2 volumes). War Department Education Manual 260. USAFI, 1940.

Romer, Alfred S. - Vertebrate Paleontology. University of Chicago Press, Chicago, 1947.

Smithsonian Institution, Annual Report, 1947, Washington, 1948.

Southwestern Monuments Association

King discussed with several persons the possibility of obtaining an underwriter for the Cummings Festschrift volume. He spent a day of personal time editing manuscripts and obtained one informal quotation from a printer. He edited and sent to the "New Mexico Magazine" an article by Natt Dodge on White Sands National Monument -- another step in the project of compiling a book on New Mexico parks and monuments.

He corresponded with Naturalist Gale of Carlsbad regarding cooperation in obtaining a geological study there this summer, and he corresponded with Dr. Colton, Museum of Northern Arizona, in furthering the publication of the Nalakihu report on Wupatki.

Treasurer Vedder made three deposits, due to an extra deposit being made the first few days of the month to cover checks that were drawn for special purposes. One disbursement was made, plus the few checks at the beginning of the month. This month was more active, with 213 covers mailed, including 38 letters and 28 purchase orders.

Much time was spent by Treasurer Vedder on posting inventory turn-ins from the monuments, and writing to the monuments about differences which show up on the control cards. Some time was spent on making the quarterly report and the year-end report to the Collector of Internal Revenue on the withholding tax, plus other quarterly and year-end statements in regard to royalties, etc., which is paid at that time. He collated the annual report, which was stencilled, and made a few minor corrections in it. Some work was done on the bookkeeping. The second edition of "Poisonous Dwellers of the Desert" arrived January 12. Two thousand copies, out of 10,000, were delivered to the Association, 6,000 to Lollesgard Specialty Co., and the rest were sent direct to the monuments. Thus, back-orders of "Poisonous Dwellers" were filled. Mr. Vedder also coded and filed business reply cards that had been accumulating, and follow-ups were sent on unpaid invoices. Some filing work was done on bringing the files up to date.

Barbara Vedder worked only three hours, doing routine work on the file of stencils, checking new names for the file, etc. There was no mailing of the mail list this month.

Photography and Visual Aids

King furnished Curriculum Films 38 archeological and ethnological color slides with captions for possible inclusion in educational film strips. He also furnished more than 100 slides on general Park Service subjects to Dr. D. M. Laurason of Chatham, Ontario, Canada, for use in a public lecture program.

Instructions Concerning Assignments

Dan discussed with several groups the possibility of obtaining an author for the Jewelry Industry volume. In spite of personal time spinning memorizing and obtaining the internal problems from a publisher. He added and made to the "New Jewelry Magazine" an article by Dan Lange on the Jewelry Industry Research. -- another step in the project of compiling a book on the Jewelry Trade and Industry.

He corresponded with Bernard Gale of Inglewood regarding cooperation in obtaining a geological study about this area, and he corresponded with Mr. Wilson, Dean of Business Relations, in furthering the publication of the Jewelry report on Crystal.

Professor Walter made three deposits, due in no order dispute being made the first few days of the month he never knew drawn for general purposes. The disbursements was made, plus the few checks on the beginning of the month. This month was very active, with XII Dinner meeting, including 31 letters and 111 previous letters.

Just that was spent by Professor Walter on getting information from the committee, and writing to the committee about difficulties with show up on the mental health. Then time was spent on making the quarterly report and the pamphlet report to the Bulletin of Technical Service on the attendance, the other quarterly and yearly statements in regard to repairing, which is paid at that time. He collected the annual report, which was checked, and made a few minor corrections in it. Time was then on the Jewelry. The second edition of "Business Bulletin of the Jewelry" arrived January 12. The thousand copies, out of 15,000, were delivered to the association, 1,000 to Inglewood Jewelry Co., and the rest were sent direct to the members. Then, Instructor of "Business Bulletin" was filled. Mr. Walter also made and filed Bulletin reply cards that have accumulated, and fellow-ups were sent on regular bulletin. Some filing was done on organizing the files up to date.

Professor Walter worked only three hours, doing routine work on the file of stamps, checking the cards for the file, etc. There was no billing of the mail file this month.

Secretary and Clerical Aide

The Instructor Correspondence Clerk is correspondential and administrative aides with duties for general business in connection with the office. The duties were done 100 either on general work during absence of Mr. R. R. Instructor of Studies, Secretary, Jewelry, for use in a public lecture program.

Visitors

Superintendent Faris, Archeologist and Mrs. Beaubien, and Ranger Leding and father.

Wildlife Management

Wildlife conservation activity reports from the field were consolidated, edited, and forwarded to the Director.

Ruins Stabilization

Steen inspected the East Pueblo at Aztec Ruins, and found original roofs recently cracked and in danger of collapse. They will have to be braced and some of the over-burden removed.

At Walnut Canyon, it was impossible to inspect the recently completed work of the Mobile Unit because of heavy snows.

Vivian completed a 250-page rough draft of the Stabilization Manual.

Archeologist Aide Raymond Rixey submitted a fine report on the Walnut Canyon work, and is now engaged in preparing an archeological report on artifacts found incidental to the stabilization work.

Projects for February

King will remain in the office except for a short trip to Aztec Ruins on museum matters.

Steen will leave about February 7 for a two to three-weeks' trip to Canyon de Chelly, Walnut Canyon, Casa Grande, Tumacacori, Tonto, and Montezuma Castle.

Vivian will make a short trip, taking equipment to Casa Grande about February 9, and will spend the remainder of the month on a report of excavations before the war of a small ruin at Chaco Canyon.

(SGD) DALE S. KING

Dale S. King,
Naturalist.

APPROVED FOR DISTRIBUTION:

(SGD) JOHN M. DAVIS

Regional Director.

February 8, 1949.

cc: Mr. Davis (2);
Mr. Dodge (2).

Clothing

Superintendent Davis, Arrow-Sight and Pvt. Jenkins, and Sergt Lutin and Cpl.

Utility Equipment

Utility communication equipt. from the field were accounted, mined, and returned to the Library.

Other Installations

Also inspected the gas tank in Lower Hole, and found original seals recently broken and in danger of collapse. They will have to be tested and some of the over-burden removed.

At Salem Square, it was impossible to inspect the recently installed duct of the Bulls Tail Tableau of Harry Lewis.

Vision supplied a 200-page report of the Installation Journal.

Arrangements also figured Alpha modified a plan report in the Salem Square area, and is now engaged in preparing an architectural report on multi-part Fossil installations in the rehabilitation area.

Plans for Future

The Bell Pueblo in the Million assembly for a short trip to Lake Tahoe on March 20th.

Plans will have been made February 1 for a two to three-day trip to Cayuga de Chelly, taking Sergt. Cole Davis, Tuscarora, Ferdy, and Pvt. Jenkins.

Vision will make a short trip, taking equipment to Lake Shasta about February 2, and will spend the remainder of the month on a report of excavation during Sergt. the war of a small site at Cayuga Canyon.

(SGD) [illegible]

Chas. L. King,
Secretary.

Attested for Authenticity:

(SGD) [illegible]

Pasadena, _____, 1929.

Dr. Dr. Smith [illegible]:
Dr. Dodge [illegible].

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Arches National Monument
Moab, Utah

January 27, 1949

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches and Natural Bridges National Monuments for the month of January, 1949:

ARCHES NATIONAL MONUMENT

GENERAL: Grand County cannot boast a mild winter climate for this year as temperatures ranging from zero to 15 degrees above have been the rule throughout the month. In addition heavy snows have occured on several occasions during the month, making travel hazardous.

The superintendent made an official trip to Grand Junction, Colorado on January 19th regarding repairs to the water pumping system.

WEATHER: Temperatures, as stated above, have ranged from zero to 15 degrees above with very few days of thawing during the month. The January thaw that the oldtimers talk about has not materialized to date. Snow fell intermittently all month causing hazardous road conditions on all highways. At this writing we have approximately 4 inches of snow at headquarters with from 12 inches to 16 inches of snow in the outlying sections, and it is snowing again.

TRAVEL: Unusual weather conditions still prevail throughout Utah and adjoining states and travel has fallen to zero. US highways 160 and 6-50 have been closed on several occasions during the month, due to drifting snow, and the monument roads were in poor shape all month. Only two cars and four people were able to get into the area during this time and contact work was nil. No visitors entered the monument from December 30th to date.

MONUMENT ROADS: Roads throughout the monument have been open and closed intermittently during the month but very slick during times that they were passable. Due to the breakdown of our motor grader we have had to depend on the State maintenance crew to help us out. They made two trips over the road during the month with their snowplow to remove drifted snow. At this writing our grader is again in operation and the maintenance man and ranger are working on snow removal.

APPROACH ROADS: As with the monument roads, the approach road has been closed

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Grand National Monument
Ewin, Ohio

January 27, 1963

A MEMORIUM for the Regional Superior, Indian Tribes:

The following is a narrative report for Jackson and Sullivan Indian National Monuments for the month of January, 1963:

AREAS NOT YET OPEN TO PUBLIC

WEATHER: Great Lakes normal weather a mild winter climate for this year. Temperatures ranging from zero to 32 degrees above zero have been the rule throughout the month. In addition heavy snows have occurred on several occasions during the month, making travel hazardous.

The superintendent made no official trip to Great Lakes. Visitors on January 12th regarding repairs to the water pumping system.

MAINTENANCE: Improvements, as stated above, have resulted from work in 32 days work hours with very few delays of travel during the month. The January time that the climatic fair about has not materialized to date. Some full interpretation all month working hazardous road conditions on all highways. As this writing we have accumulated 3 inches of snow on transportation with from 12 inches to 24 inches of snow in the surrounding vicinity, and it is snowing again.

FIRE: General weather conditions with prevail throughout Ohio and adjacent states are ripe for fire. In January 1st and 2nd 4-H Lake Seen closed as several weekends during the month, due to drifting snow, and the snowmobile roads snow is past about 12 months. Only the snow and four people were able to get into the area during this time and weekend were not all. The visitors enjoyed the snowmobile from Sullivan into the lake.

[illegible] employees the seasonal have been spent and Grand [illegible] month but very slim during their stay they were [illegible] of our value greater as here had to depend [illegible] to help us out. They made the trips over the [illegible] with their snowplow to remove drifted snow. At this [illegible] is doing is supervising the maintenance men and factory are working as most planned.

LITTERING PROBLEM: As also the snowmobile roads, the approach road was been litter

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
Aztec, New Mexico

a good part of the month due to unusually heavy snowfall for this country. The State made two trips over same with a snowplow, when time could be spared from snow removal on the highway. At this writing the approach road is open but monuments roads closed due to drifted snow.

MAINTENANCE: Our Caterpillar 12 motor grader ceased functioning on December 28th, 1948 due to transmission trouble. A serviceman from Salt Lake City completed repairs on same on January 21, 1949 and we hope it will now keep going for the balance of the winter. We were without its services during the heavy storms which occured all during the month.

Repairs were completed to the pump jack on our water pumping system and it was back in operation on January 25th, 1949.

SIGNS: Ranger Worthington spent most of the month working on signs and Maintenanceman Wisbourn worked on the same project when not busy on grader repairs. All existing signs are being repainted and new signs carved and painted for use on roads and trails. If this stormy weather continues we should have our area well signed.

GRAZING: Regular trips have been made to the various sections of the monument to check on grazing and no evidence of trespass have been found on monument lands. Stockmen are having trouble in getting feed to some of the stock in various sections but conditions are much better here than they are in the western part of Utah.

NATURAL BRIDGES NATIONAL MONUMENT.

GENERAL: This area is closed for the winter due to impassable approach roads. From the amount of snowfall this country is receiving it will probably be June 1st or later before the approach road over the Elk Mountain will be open to travel for visitors.

Russell L. Maban

Russell L. Maban
Superintendent

(in trip.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 January 1949

MEMORANDUM for the Regional Director.

There follows the report of activities in Aztec Ruins for Jan 1949.

WEATHER. Like most of the areas in this section of the country we have had our share of winter with 2½ feet of snow for this report period, considerable rain, hail, sleet and a wide variety of wind storms. Our lowest temperature at the Ruins was minus 21 on which day it was minus 17 at 8: 0'clock. Other sections close by reported temperatures as low as 35 below.

Travel has been greatly discouraged by the weather and we have had a considerable falling off in the numbers visiting the ruins.

INSPECTIONS. Charlie Steen inspected the East Ruins 13 January for needs of stabilization.

MAINTENANCE. Our roof problems continue increasing. Great cracks in the Large Kiva roof have appeared, some 10 to 12 feet in length. The museum roof leaks in numerous places. We are constantly repairing them until the time that we may relay the entire roof coverings.

Snow removal, from the various roofs, has taken up a considerable amount of time. After each new snowfall we have cleaned the snow from each of the roofs.

NEW CONSTRUCTION. The newly constructed residence building is about ready for occupancy. All that remains is the installation of the electrical fixtures, some of which have not been available.

INTERPRETIVE SERVICES. There were 206 visitors in 49 groups shown the museum and 95 of these enjoyed the ruins in 18 conducted trips.

Decrease in Travel. A pronounced decrease of 46.5% this month over January 1948 with 206 visitors from 19 states and Canada. The current travel year remains 3% ahead of last year at this time.

SPECIAL ACTIVITIES. Ranger Cmstott presented two illustrated lectures to the Aztec High School history classes.

Proposed Activities for Feb. Completion of the boundary fence which was held up by weather this month; considerable repair to roofs.

Irving D. Townsend
Irving D. Townsend,
Superintendent.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 January 1949

Superintendent
Chaco Canyon National Monument
Nageezi, New Mexico

Dear Superintendent:

Enclosed herewith are copies of minutes of the Aztec Ruins Advisory Board meeting held on January 17, 1949.

Mr. Frank Lloyd Wright, Taliesin, Spring Green, Wisconsin, has been invited to become a member of the Board. Mr. Wright has not yet accepted, but we believe he will. Mr. Wright is a world-famous architect and author, and his presence on the Board would be a great asset to the Monument.

Mr. Lloyd Lewis, Chicago, Illinois, has been invited to become a member of the Board. Mr. Lewis is a well-known author and lecturer, and his presence on the Board would be a great asset to the Monument.

Mr. Frank Wright and Mr. Lewis have been invited to attend the next meeting of the Board, which will be held in Aztec, New Mexico, on Friday, February 11, 1949. Mr. Wright has indicated that he will be able to attend the meeting, but we have not yet received a reply from Mr. Lewis

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

January 28, 1949

Memorandum for the Regional Director, Region Three

There follows a report of the activities at Bandelier National Monument for the month of January, 1949.

Weather

We did not experience any of the sever cold and snow that was received in other sections of the country but there was enough to snow us in for a few days and to reduce visitation to the lowest figure in many months. 21.5 inches of snow fell during the month and there were 10 inches on the ground at the close. Temperatures ranged from 13 degrees below zero on the 5th. to 50 above on the 14th.

Special activities

The Superintendent spent most of the month in the office performing clerical duties since we have not been able to fill the clerks vacancy to date. All correspondence and reports were brought up to date and put in good order. Considerable time was spent in going over the files and improving their arrangement. The rangers assisted with much of this work.

Maintenance

Weather stripping was placed around doors and windows of the residences and office. The savings in heat was immediately noticed when one employee reported that he had to turn his heating stove down about one third from its usual position.

The shop was repainted and most of the tools were reconditioned and repainted. Some work was done on rearranging the warehouse in preparation for painting it.

Power Line

We had borrowed transformers from the AEC to install on our power line in order to get it in operation when the electricity was turned on the the AEC section of the line. The transformers that we had on order were received and installed on the first of January and the borrowed ones were returned. The only thing left to do is to install

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

January 31, 1949

Memorandum for the Regional Director, Region Three

Here follows a report of the activities at Bandelier National Monument for the month of January, 1949.

General

In the big storm early in the month with snow that was varied in other sections of the country but there was enough to move us in for a few days and to reduce visitation to the lowest figure in many months. 313 persons of some 7811 during the month had to come were 23 Indians on the grounds in the state. Temperatures ranged from 23 degrees below zero on the 5th, to 35 above on the 18th.

Special Activities

The superintendent spent most of the month in the office performing clerical duties since he was not able to visit the sites due to the weather. All correspondence and reports were brought up to date and in good order. Considerable time was spent in going over the files and improving their arrangement. The rangers assisted with much of this work.

Maintenance

Timber stripping was placed around doors and windows of the residences and offices. The savings in heat was tremendously noticed by the employees resulting from the fact no have air leakage from about the little over the usual quantities.

The roof was repaired and part of the walls were reconditioned and repainted. Some work was done on repairing the entrance to the residences for painting it.

The electrical transformers from the dam to install on our power line to the dam and it is operation when the electricity was turned on the day the station of the line. The transformers that we had on other were repaired and installed on the first of January and the borrowed ones were returned. The only thing left to do is to install

suspension insulators on one pole when they are received.

The rate for electricity was set at .02 per KWH by the AEC which is very reasonable and will result in a considerable savings over our former power expenses.

It is a real source of satisfaction to know that we will have dependable power and that we will not have to spend many of our days off working on power plants. The museum is much more attractive now with steady lights but it is one of our heaviest loads. As soon as money can be secured to install fluorescent fixtures we will be able to effect a savings in the museum operation.

Approaches to the Monument

The heavy patrol grader was put to good use this month to keep the approach road clear of snow. One round trip was generally all that was necessary where we could not do as good a job in two with the former small maintainer.

The AEC has been removing the snow from the section of Highway 4 from the checking station to Post 11 which allows visitors from Los Alamos to use this road to get to the Monument.

Interpretive Service

Ruins trips were the lowest for many months with only 22 trips and 113 visitors. A number of visitors drove in to the Monument but decided against taking a ruins trip because of the cold weather.

Travel

Cold, snowy, weather during most of the month reduced travel to the lowest since February 1948. There were six days at the last of the month on which no visitors came to the area. Total visitors were 160 which is 40 percent of the same month last year.

Wildlife

Two wildlife counts were made during the month and it is especially gratifying to know that there is a noticable increase in the numbers of wild turkeys. One flock of about 25 and another of about 40 birds were found on the mesa just to the south of head uarters.

Building Fire Protection

Spark arrestors were constructed from hardware cloth and installed on the fireplace chimneys of the residences and museum lobby.

A fire alarm bell was installed at the residences to supplement the siren at the utility area. It is a 110 volt bell that was secured from surplus property at Los Alamos.

Signs

Much of the time of the Operator General and Laborer was spent on reconditioning signs and constructing three new ones for road intersections. The new signs were placed at the intersections of Sandia Canyon, Pajarito Canyon, and Frijoles Mesa roads with the approach road.

A number of antiquities act signs were mounted to be placed at several of the ruins in the Otowi section. A plasticel covering was placed over the cloth sign to give it more protection. After giving them a trial we will report on whether or not this is successful in making the signs last longer.

Miscellaneous

Ranger Joe Keefe spent Christmas in North Dakota and was fortunate in making the return trip between blizzards so that he did not experience any difficulty. He had to take one detour of about two hundred miles in order to miss bad roads but other than that had a very plesant trip.

(SGD) FRED W. BINNEWIES
Fred W. Binnewies
Superintendent

(SGD) FRED W. BINNEWIES

Canyon de Chelly National Monument
Chinle, Arizona

January 25, 1949

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of January, 1949

Weather

The blizzards which raged on all sides of us this month did not leave Canyon de Chelly untouched although we did have milder weather than many places of supposedly better climate. Snowfall for the area was about normal but came in small quantities over a longer period which made the weather seem worse than in past years. The minimum temperature registered was - 9 degrees on two nights. Our maximum was 52 degrees and was only two degrees lower than that of Los Angeles the same day. Surrounding areas have been hit harder and road conditions are not too good. The road from St.Michaels to Ganado was closed by drifts for one day.

Administration

Inventories were completed and submitted and other office work kept current. Ranger Morris has spent much time on arranging or re-typing our fact file and doing some research work on subject matter which was sketchy. In accordance with Regional Office instructions, a file history of the area is being made not only of the past year, but of all past years since the administration of the area was assumed by the National Park Service. Maps, and a report on soil and moisture conditions were also made and submitted.

Maintenance.

Roads have been graded from Garcia's store to White house over-look and snow, when in sufficient quantities to warrant, was removed in order to keep down the mud. One connection in our waterline rusted out and some time was spent in repairing this. One trip was made to Gallup, New Mexico for supplies.

Travel

Road and travel conditions were not conducive to sight seeing during the month but twelve hardy souls arrived and kept us from drawing a blank. This is somewhat below the forty-eight who arrived last year when we had a spell of spring-like weather.

Dunes de Flandre National Monument
Ghyvelde, Nord

January 27, 1949

Superintendent for the National Monuments, Dunes Group.

The following is a report of activities at Dunes de Flandre National Monument during the month of January, 1949.

Weather

The climate is about equal on all sides of us this month but we have Dunes de Flandre moderated climate. We did have milder weather than many places of approximately similar climate. Rainfall for the area was about normal but snow is usual considering over a longer period which was the coldest zero weather since 1940 years. The minimum temperature registered was - 7 degrees in the night. Our maximum was 57 degrees and was only one degree lower than that of Los Angeles the same day. Forecasting seven days ahead is better and usual weather are not too good. The road from Ft.Mardyck to Dunkirk was closed by drifts for one day.

Administration

Inventories were completed and submitted and other office work kept current. Larger Dunkirk has spent much time on arranging or re-typing our fact file and doing some research work on problems neither which was absolutely. In accordance with Regional Office instructions, a file history of the area is being made but only of the past year, not of all past years since the establishment of the area was assumed by the National Park Service. Maps, and a report on soil and moisture conditions were also made and submitted.

Maintenance

Tools have been sent from Dunkirk's shop to Mr. Dubois some over-hauls and repairs, some in sufficient quantity to warrant, was removed in order to make work on the road. Our connection in our warehouse rented out and some equipment is repaired this. The trip was made to Dunkirk, the Dunkirk

Travel

Road and travel conditions were not considered to state major during the month but twelve family units arrived and kept us from having a blank. This is remarkable being the forty-eight who arrived last year when we had a spell of typhoid-like weather.

Visitors

Dr. and Mrs. Thomas B. Noble Jr. arrived on January 8 and will remain until February unless the weather discourages them. Mrs. Noble is continuing her portrait work of the Navajos and Doc. is recording Navajo chants, prayers, etc. He is also working on manuscripts and I am collaborating with him on a history of Canyon de Chelly.

Concession Operations

The contract with Thunderbird ranch to operate guest facilities was not renewed due to particular circumstances whic have already been reported. A new contract authorizing only the transportation of visitors into the canyon has been made. Thunderbird ranch will operate under Indian Service permit.

Law Enforcement

Thru information reaching this office, some relatively few employees of the Indian Service were proposing pot-hunting expeditions on Reservation lands. I prepared memorandums to the supervisors outlining the provisions of the Antiquities Act and requested their cooperation in advising their employees of this act and the penalties for violation.

Archeology

A copy of the report of Mr. David de Harport on the work completed last summer on the Archeological survey was received.

During soil and moisture conservation work, The Indian Service turned up an old Navajo Bean Pot, which was turned in at the office by Soil Conservationist Roberts.

General

An omission from last months report was the death of Tuly Bia, a medicine man who has long been a friend of Park Service employees here. Tuly worked for us on many occasions. His death was due to Heart failure while working at Saw mill and will be regretted by former custodians who knew him.

Government Publications on hand

Two-fold leaflets, Cdc.....90
Map folder No. 6.....100

Meredith M. Guillet
Superintendent

Canyon de Chelly National Monument
Chinle, Arizona

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

January 25, 1949

MEMORANDUM for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico

There follows the narrative report for Capulin Mountain National Monument for the month of January, 1949:

Visitors: There were about four hundred and fifty visitors to Capulin Mountain National Monument during the month of January, making a total of five thousand eight hundred and fifty for the travel year and twenty five thousand six hundred and fifty for the fiscal year.

Weather: Weather has been unusually dry and cold, with a low of 4 degrees below zero, and about 55 degrees high.

Flora and Fauna: Deer and other wildlife seems to be in good condition. Trees and other vegetation is about as usual.

Roads and Trails: Roads and trails in and around the Monument area have been kept in top condition. The road to the top of the Volcano has been kept open the entire time, so far.

Information Pamphlets: No information pamphlets have been distributed this month, and have about seven hundred on hand at present.

Roger J. Harr
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

January 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for January 1949.

General: No doubt the readers of our monthly report are getting tired of reading about the water situation that we have to contend with here. This month, however, has brought us some rain and the prospects for more rain in the immediate future continue to look bright so perhaps we can slack off a bit on our continual worrying about the shortage of water for a few months. Of course with the advent of summer our worries will no doubt start anew. This winter has so far not been conducive for tourist travel. From the vacancy and summer rate signs that are displayed at tourist motels in Tucson and Phoenix it would seem that many tourist court operators are in the depths of despair. The Phoenix Chamber of Commerce informed us in a recent letter that there were 1,452 fewer cars entering the state in November 1948 than for the same month of 1947. It was estimated that travel for December 1948 would be 11,928 cars below that of December 1947. From all indications it woulds seem that this trend is continuing into January.

Weather: The weather, from the viewpoint of the visitor, has been bad but from the viewpoint of the farmers and residents, I am sure that the rain and cloudy weather would be considered a blessing. The maximum temperature was 71 with a low maximum of 40 and a minimum of 18. We have had a total precipitation of .64 inches so far this month and rain continues to fall as this report is being written. About a week ago we found that the moisture had penetrated to a depth of about 18 inches into the ground.

Visitors: January 1949 - 3897: January 1948 - 5539: This is a drop of 1642 people from January of last year. This travel year to date shows a total of 11,414 visitors. Another factor, besides the general slowing up of travel, that is affecting our number of visitors is the new road between Phoenix and Tucson via Rivers and Casa Grande. People taking this road bypass the entrance of our monument.

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

January 22, 1941.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly report for Casa Grande National Monument for January 1941.

General: In spite of the problems of our monthly reports are getting tired of reading about the water situation that we have in common with others. This month, however, has brought us some rain and the prospects for more rain in the immediate future suggest to last night we had an hour or so of a real soaking shower. The benefits of rain for a few months. If storms with the heavy of summer our months will be quite dry. This winter has so far not been comparable for tourist travel. From the visitors and manager has also that we displayed at tourist events in Tucson and Phoenix it would seem that many tourist from southern are in the depths of despair. The Director Chamber of Commerce informed us in a recent letter that there were 1,000 fewer cars entering the state in December than for the same month of 1940. It was estimated that travel for December 1940 would be 11,000 cars below that of December 1937. From all indications it looks more that this trend is continuing into January.

Patrol: The weather from the viewpoint of the visitor, has been bad but from the viewpoint of the farmer and rancher, I am sure that the rain and slushy weather would be considered a blessing. The maximum temperature was 71 with a low maximum of 40 and a minimum of 16. We have had a total precipitation of .84 inches so far this month and this continues to fall as this report is being written. Some a week ago we found that the waters had penetrated to a depth of about 12 inches into the ground.

Visitors: January 1941 - 2027; January 1940 - 2800: This is a loss of 1801 people from January of last year. This trend year to date shows a total of 11,414 visitors. Another factor, besides the general slowing up of travel, that is affecting our number of visitors is the new road between Florence and Tucson via Eloy and Casa Grande. People taking this road bypass the vicinity of our monument.

Interpretive Service: Of the 3897 visitors to the area, 2796 made the trip to the ruins in 191 groups averaging 52.2 minutes per trip. 1101 people were here for a quick look but did not make the trip to the ruins. On January 22, we had three special groups through the ruins as follows:

BoyScout Troop from Mesa, Arizona. Group of 18 scouts.

Group of 18 youngsters and 5 adults from the Pentacostal Church in Jesus Name of Phoenix, Arizona.

Party of 37 youngsters from the Glendale Grammer School of Glendale, Arizona.

Administration and Protection: The Adamsville site was again checked for signs of vandalism and office work was kept current. Ten requests for information have been answered and literature sent as requested.

N.P.S. Visitors and Visitors of Note:

January 4, - Mr and Mrs. J.H. (Hal) Donahey. Mr. Donahey, former cartoonist with the Cleveland Plain Dealer, claims to have excavated the piece of clay containing the fingerprints which we have in the museum.

January 10, - Dr. H.S. Colton of the Museum of Northern Arizona and Miss Katherine Bartlett, curator of anthropology, at the Museum.

January 11, - Superintendent and Mrs. Bright of Tuzigoot National Monument.

January 12, - Assistant Regional Director John M. Davis and Mr. McColm of the Regional office were here for a short time.

January 14, - Chief Ranger Sholly of Big Bend National Park was here for a short visit.

January 19, - Mr. Herwil Bryant, wife and son, were visitors here. Mr. Bryant is the son of Superintendent H.C. Bryant of Grand Canyon National Park.

January 21, - Mr. Louis R. Jurwitz of the Weather Bureau in Phoenix was here to check on the operation of our cooperative weather station.

Maintenance: Work this month has consisted largely of routine matters such as road repair and the repairing of a few minor roof leaks on the quarters.

Leaves Taken: Maintenance Man Barnett has been on annual leave since the afternoon of January 10. Mrs. Barnett's Father passed away and they

Attendance Office: Of the 3017 visitors to the zoo, 1791 made the trip to the zoo in 181 groups averaging 22.4 minutes per trip. 1221 people were here for a visit but did not make the trip in the train. On January 28, we had three special groups through the zoo as follows:

Boycott Group from Mesa, Arizona. Group of 12 scouts.

Group of 18 prospects and 2 adults from the Presbyterian Church in Mesa Home of Phoenix, Arizona.

Group of 27 prospects from the Glendale Summer School of Christian, Arizona.

Administration and Protection: The Administration office was again crowded for signs of vandalism and office work was kept current. The requests for information have been answered and literature sent as requested.

Ref.G. Visitors and Visitors of Zoo:

January 6, - Mr. and Mrs. J.C. (Mr.) Jensen. Mr. Jensen, former entomologist with the Division of Plant Industry, Glendale, came to have interpret the place of this institution and interpretive skills we have in the museum.

January 10, - Dr. E.E. Lutts of the museum of Northern Arizona and Glen Wakefield Institute, curator of anthropology, at the Museum.

January 11, - Superintendent and Mrs. Bridge of Bridgeport Indian Reservation.

January 12, - Assistant Regional Director John R. Davis and Mr. Jackie of the Regional office were here for a short time.

January 14, - Chief Ranger Scotty of Big Bend National Park was here for a short visit.

January 15, - Mr. Harold Bryant, with our new zoo, was visiting here. Mr. Bryant is the son of Superintendent R.C. Bryant of Grand Canyon National Park.

January 21, - Mr. Louis E. Fowler of the Geology Department in Phoenix was here to check on the operation of our cooperative geology exhibits.

Publicity: Work this month has consisted largely of routine activity and is most regular and the repainting of a few minor fact items on the museum.

Leave Taken: Mrs. Jensen has been in central Leave since the afternoon of January 16. Mrs. Campbell's father passed away and Mrs

returned to Iowa for the funeral. Ranger Arnberger took 7 hours of annual leave on January 14.

Nature Notes: The Gambel sparrows are still conspicuous by thier absence. The number of birds on the monument this winter is considerably less than in past years. It may be possible that the long period of dry weather has lessendd the normal seed and food supply. We have seen a few phainopeplas lately.

A.T. Bicknell,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

January 27, 1949

Memo for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of January, 1949.

Seven hardy souls came to visit this area this month. They came in two automobiles from the states of New Mexico - 1 car, 3 visitors and Utah - 1 car, 4 visitors. All seven took a trip through the ruins. The superintendent spent a total of four and one half hours with these people.

The coolest registered this month while the superintendent was here was 4 degrees Fahrenheit on January 19, and the warmest was 55 degrees on January 17. The total precipitation was .21 of an inch. There were cooler days, undoubtedly warmer days, and more precipitation occurred while the superintendent was absent.

The south approach road to the Monument has been in good condition, but during the thaw at the early part of the month several trucks wallowed through the north approach road and then the road froze -- thus a very rough road. The state grader has been over the north road this week, but the tractor came in last night and reported that it took almost exactly three hours to come the 25 miles. Most of the distance was covered in compound gear. Judging by time elapsed and gear used, the road is just about 2/5 as bad condition as it was last March!

The Monument roads have remained in fair shape. The tractor is laid up awaiting tubes which have been ordered many weeks. In the meantime, the north cattle guard was cleaned during one of the thaws. As it was cleaned to a depth of several feet lower than the superintendent has ever seen it, it may deter a few head of livestock from crossing it. Gravel has been placed on the road from just beyond the bend south of the bridge up nearly to the headquarters entrance sign. This has been a bad spot for a long time.

The Fedilla fence was taken down and stored.

The oil and Moisture revetment has been completed, and the crew has stopped work.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____

_____, _____ 19__

All trucks and the tractor were greased. Two new 10 ply tires were installed on one of the trucks.

On January 17, a neighboring rancher allegedly attacked an Indian with a 30-30 on the Monument and severely beat the Indian. The FBI is investigating. The rancher was accompanied by a posse.

The Superintendent was away from the Monument from December 23, 1948, through January 6, 1949, and took one day annual leave on January 22, 1949.

A large covey of quail have been near Headquarters all winter. The rabbits are plentiful. Twice, in broad daylight, a bob-cat was seen between the residence and the office. Each time, he just gamboled away - in no hurry at all.

The Trader this month reports business about as usual, and states that he is getting in a stock of rugs from the local Navajos for sale to the tourists next summer. During the month, he painted the woodwork in the store.

Projects for the ensuing month:- complete the short stretch of graveling, blade the roads when the tubes arrive and repair fences.

Irving McNeil, Jr.
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT
Dos Cabezas, Arizona

January 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for January.

Weather Conditions. All of this months report could well be condensed under weather, as all activities have been pretty much controlled by the weather. 5.32 inches of moisture has been recorded since December 22. Much of this has been rain but snow lay on the ground to a depth of 16 inches on January 17 with drifts up to 3 or 4 feet deep in the roads. The upper two miles of the monument road was closed by snow January 17 to 24. Operator Marble succeeded in opening it yesterday, January 24, but as this is being written four inches of snow has fallen in the last two hours and more is coming fast. During this period the thermometer registered 1 below one night and got down close to zero several other nights.

While the weather has caused us some extra work and reduced travel, it has raised our spirits in other ways. On January 14 a big clear trout stream (minus the trout) began flowing down Rhyolite Canyon past the administrative building. Bonita Canyon is also flowing a big stream. As we get our water supply from Bonita, our water worries should be solved for another year. We feel we can again encourage the use of the camp ground by large groups such as Sunday School conferences and not worry about running out of water.

Inspections. Regional Director Tillotson spent the afternoon of January 21 at Chiricahua and continued on to Tucson the morning of January 22.

General Publicity. A friend just mailed us a page from Buick Magazine, November issue, containing a very good article, with pictures, on Chiricahua by Weldon Heald. We shall try to get some more of the magazines for the Regional Office and our files.

At the request of the Gadsden Hotel management in Douglas, a lantern slide talk is to be given there April 4.

Maintenance. All hands have spent considerable time attempting to keep the road open, shoveling snow around headquarters, and keeping the rest room plumbing thawed out. So far we have got by without any breakage in the plumbing. Some large boulders fell into the road and were broken by blasting and removed by Operator Marble.

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NATIONAL PARK SERVICE

[illegible]
Box [illegible], Arizona

January 23, 1940.

[illegible] for the Regional Director, Region Three.

Here follows a report of activities at Saguaro National Monument for January.

Weather Conditions. All of this months report would not be complete without mention, as all activities have been greatly modified by the weather. 8.00 inches of moisture has been recorded since December 22. Much of this has been still but some lay on the ground to a depth of 10 inches on January 17 with drifts up to 3 or 4 feet deep in the ravine. The water was also of the coldest that we have seen for many years, 17 to 24. Operator Hardie measured in exactly 14 yesterday, January 22, but as this is being written four inches of snow has fallen in the last two hours and more is coming down. During this period the thermometer registered 7 below one night but got down close to zero several other nights.

While the weather was unusual in some ways our remained normal, it was joined our activity in other ways. On January 18 a big storm came across (about the coast) bringing down quite a number of the administrative buildings. Hardie Dwyer is also Ranger at the Saguaro. As we get our water supply from Hardie, our water service should be solved for another year. We feel we can safely anticipate the use of the area crowded by large groups such as Hardy School activities and [illegible] without running out of water.

Inspections. Regional Director Tillotson spent the afternoon of January 21 at Saguaro and mentioned he to Tucson the morning of January 22.

General Visitors. A friend just walked up a pair from Saint Augustine, December issue, containing a very good article, with interview, on Saguaro by Ralphe Smith. We shall try to get some more of the [illegible] for the National Citizen and our files.

At the request of the Tucson Local Superintendent in Charge, Saguaro Glide will be on to give them April 4.

Maintenance. All hands have spent considerable time attempting to keep the roads open, operating snow removal equipment, and keeping the roof from plunging through us. So far we have got by without our leaving to the plunging. Some large boulders fell into the road and were broken by blasting and removed by Operator Hardie.

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NATIONAL PARK SERVICE

A. Approaches to Monument Area. All approach roads have been and still are in bad condition; the dirt roads being now the worst. The road over the mountain to Cave Creek and Rodeo has been closed for about a month.

Interpretive Services. 288 visitors in 74 parties were contacted in the museum. Cars could not get all the way to Massai Point during the last ten days of the period so this cut down on the visits to the orientation station. Due to the weather no conducted trips were made.

Chiricahua. Due, undoubtedly, to the weather we have a limited on travel this month. 188 visitors came to see Chiricahua. This is a loss of 188 from January, 1943 but still leaves us 288 ahead of last travel year at this time.

Clair V. Cooke,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

January 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of January, 1949.

WEATHER: A total of 11½ inches of snow fell during the report period and the precipitation amounted to .78 inches. The heaviest fall was on January 20, 7 inches. Four nights in a row of subzero temperatures(Jan.3-14, Jan.4-21, Jan. 5-22, Jan. 5-16) froze a water line 2½ feet underground. Maximum temperature reached 52 degrees on January 14.

APPROACH ROADS: Rough, but passable when frozen. Impassable with the slightest thaw. The plans for the improvement of Highway #53 were shown tom the Superintendent on January 7, in Santa Fe. Looks like something is really going to be done, but we still wont believe it until we see some equipment moving dirt.

TRAVEL: Only 17 people in 5 cars visited the area. Four of these people arrived for road information. Seven made the tour of the Inscriptions and the remaining six were contacted by the HSWP during the Superintendent's absence.

GENERAL: A trip to the Regional Office was made on January 4, returning January 9. Upon my return from Santa Fe I found that during the four days of sub zero weather the frost had penetrated to a depth of 2½ feet and frozen the water line to the Ranger Cabin. Three days were spent digging and thawing out the line. The line is now wrapped with insulation and has an 18" covering of cinders. One load of coal was hauled during the hard freeze. Two trips to Gallup were made for supplies and material. The remaing time, outside of regular chores, has been spent in the office.

Bates E. Wilson
Bates E. Wilson,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Mount Rushmore

Keystone, South Dakota

January 22, 19 49

Superintendent for the National Historical Parks, Region Three.

Here follows the report of activities in Mount Rushmore National Monument for the month of January, 1949.

ATTENDANCE: A total of 371 persons had visited during the report period and the year-to-date amounted to 371 persons. The heaviest fall was on January 22, 7 persons. Poor weather is a few of minimum temperatures for 4-16, for 4-21, for 3-22, for 8-10) from a water line 41 feet underground. Bottom temperatures reached 52 degrees on January 16.

PROBLEM AREAS: None, but problems also frozen. Problems with the lightning rods. The plans for the improvement of lighting 250 were sent to the Superintendent on January 7. In fact, Conte Site something is really going to be done, but we still were believe it until we see some equipment moving off.

VISITORS: Only 17 people in 3 cars visited the area. Four of these people arrived for food information. During week the tour of the inspections and the requisite six were conducted by the NPS during the Superintendent's absence.

COMMENTS: A trip in the original office was made on January 6, relating January 5. Upon my return from Omaha to I found that during the four days of our zero weather the frost had penetrated to a depth of 41 feet and freeze the water line to the nugget tank. Three days were spent digging and thawing out the line. The line is now wrapped with insulation and has an 18" covering of sawdust. One load of coal was hauled during the week of January. The trips to Ceiling were made for supplies and material. The Ceiling time, outside of regular duties, has been spent in the office.

Gerald T. McCullough
Park Ranger,
Mount Rushmore
Superintendent.

GRAN QUIVIRA NATIONAL MONUMENT
GRAN QUIVIRA, NEW MEXICO

Jan 25, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of January 1949.

General. In common with the rest of the nation, the main topic this month is weather. We have had a little of everything, most of it bad.

Weather. Two blizzards, four days of fog and glaze and everything in between. The ice storm of Jan. 10-11-12 broke down the power lines, and we were out of power for most of 5 days. This has a certain nuisance value, overcome by a Coleman lantern and the old oaken bucket - the bedroom pinchhitting as an icebox. Total moisture received was low, totaling only 1.44" for the report period. A high wind on Jan. 22 brought the customary sandstorm. Low for the month was -2° on Jan. 4.

Maintenance. The Chevrolet pickup developed more trouble this month requiring a new throwout bearing, light switch, and master cylinder repair kit. A little more of this will call for either a deficiency appropriation or a new bicycle.

The cold spell of Jan. 4 froze up the soft water pressure pump. Unfortunately it didn't do a complete job, as it froze only the pressure line to the automatic switch with the result that the pump turned on but wouldn't turn off. Consequently the pump ran beautifully, but forced all the water out into the sump through the relief valve which does not have a return pipe to the cistern as recommended by the manufacturer. Result: one slightly disgruntled and very wet superintendent bailing vigorously. A kerosene lantern was purchased and placed in the sump and seems to provide sufficient warmth to solve the problem.

Repair and Rehabilitation. During the month the surplus counter supplied by Mr. Steen was remade into a very satisfactory museum case at a cost of about $23 for materials, mostly glass and hardware. A stand was refurbished for the SAM publications display case. Material left over was made into a cupboard in the ladies restroom to store janitor supplies.

It now remains to cover the exhibit room floor with linoleum and to prepare museum exhibits.

Approaches to Monument. Questionable most of the month but completely closed for only 1 day. At present they are very rough.

The entrance road was dragged twice during the month and 4 pickup loads of gravel added to the soft spots. It is temporarily in good condition.

Interpretive Service. 9 parties totaling 32 people were guided through the ruins. Average trip time, 26 minutes.

Increase or Decrease in Travel. Travel for January shows a decrease over last year; however, travel for the year is still ahead.

	CARS	VISITORS
January 1949	20	51
January 1948	31	77
Decrease	- 11	- 26
Percent Decrease	-35.5%	-33.8%
This Travel Year	189	525
Last Travel Year	129	370
Increase	60	155
Percent Increase	46.5%	41.9%

William L. Bowen,
Superintendent.

Interruptions in research. Considerable work of the month has completely ceased for only 1 day. It present time are very rough.

The entrance road was dragged twice during the month and 4 gravel loads of gravel added to the north alleys. It is temporarily in good condition.

Interpretive Service. 8 parties totaling 22 people were guided through the ruins. Average trip time, 30 minutes.

Increase or decrease in travel. Travel for January shows a decrease over last year; however, travel for the year is still ahead.

	Current	Previous
January 1940	36	21
January 1939	21	17
Decrease	- 15	- 4
Percent Decrease	-41.6%	-19.0%
This fiscal year	136	140
Last fiscal year	124	123
Increase	12	17
Percent Increase	9.7%	13.8%

William L. Brown,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Great Sand Dunes National Monument
Hooper, Colorado

January 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of operations in Great Sand Dunes National Monument for January, 1948.

WEATHER. Winter has finally arrived - the water line has frozen.

The minimum of 12 below zero was registered on January 2. The maximum of 44 degrees was reached on January 24. The high minimum was 28 on January 14, and the low minimum was 3 degrees on January 2.

Snow fell on December 31, January 1,2,3,4,9,13,14,15 and 24. Strong winds blew on eight days and two of these days were mild northeast winds, January 2 and 24. There were 12 days when the temperature did not reach 32 degrees F during the day.

There were 12 clear days; 8 partly cloudy and 10 cloudy days during this report period.

The San Luis Valley is enjoying a mild winter in comparison with last year and the Alamosa Weather Bureau in the western half northern plains, Alamosa had a low of 20 below on January 2.

The Rangers in Colfax Ridge has more snow than last year, although the valley proper has had little snow fall. Skiers keep their flagpole erected and hope this will continue to be a mild winter.

On January 22, a report of 27 inches of snow on Half Dream Peak was made on the radio; the Park was then reported closed on January 23 and opened to traffic late on the 24.

VISITORS. The tourist transit visitors in Fifty-one cars visited the Great Sand Dunes this report period. Nine states were represented. The Pioneer Trail Transcontinental Lost Highways of the pioneer area. Tourists have shown no visitation in the area.

ATTENDANCE BY MONTHS. For January, 1948 there were 58 cars and 170 visitors.

COMMENT. Northern Colfax visitors had been on fire patrol; 22 cars were contacted, with a total of 88 visitors. Enough time remained to set snow, county election.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT

MOSCA, COLORADO

January 26, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for January, 1949.

WEATHER. Winter has finally arrived - the water line has frozen.

The minimum of 13 below zero was registered on January 5. The maximum of 44 degrees was reached on January 14. The high minimum was 26 on January 14, and the low maximum was 5 degrees on January 3.

Snow fell on December 31, January 1,2,3,4,9,13,16,17 and 24. Strong winds blew on eight days and two of these blows were cold northeast winds, January 3 and 16. There were 12 days when the temperature did not reach 32 degrees F during the day.

There were 12 clear days; 9 partly cloudy and 10 cloudy days during this report period.

The San Luis Valley is enjoying a mild winter in comparison with last year and the blizzard conditions in the eastern high western plains. Alamosa had a low of 25 below on January 5.

The Sangre de Cristo Range has more snow than last year, although the valley proper has had little snow fall. Natives have their fingers crossed and hope this will continue to be a mild winter.

On January 22, a report of 97 inches of snow on Wolf Creek Pass was heard on the radio; the Pass was then reported closed on January 23 and opened to traffic late on the 24.

TRAVEL. One hundred twenty visitors in forty-one cars visited the Sand Dunes during this report period. Nine states were represented. One person from Pennsylvania took advantage of the picnic area. Fourteen days show no visitation to the area.

DECREASE IN TRAVEL. For January, 1948 there were 66 cars and 179 visitors.

CONTACT. Contact with visitors was done on five Sundays; 20 cars were contacted, with a total of 62 visitors. Contact time amounted to one hour, twenty minutes.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Great Sand Dunes National Monument

Alamosa, Colorado

January 31, 1940

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for January, 1940.

WEATHER. Winter has finally arrived - the water line has frozen.

The minimum of 12 below zero was registered on January 6. The maximum of 64 degrees was reached on January 12. The high minimum was 34 on January 14, and the low minimum was 2 degrees on January 7.

Snow fell on December 31, January 1,2,3,4,5,12,16,17 and 26. Strong winds blew on eight days and two of these days were well accompanied by snow, January 3 and 16. There were 12 days when the temperature was well below 32 degrees F during the day.

There were 12 clear days, 9 partly cloudy and 10 cloudy days during this report period.

The San Luis Valley is enjoying a mild winter in comparison with last year and the climatic conditions in the mountains left ski enthusiasts disappointed and a low of 22 below on January 6.

The snows in Crater Bluff has more snow than last year, although the valley proper has had little snow fall. Skiers have their fingers crossed and hope this will continue to be a mild winter.

On January 22, a report of 27 inches of snow on Wolf Creek Pass was issued by the valley; the Pass was then reopened closed on January 23 and opened to traffic late on the 24.

VISITORS. The monthly twenty visitors in forty-one cars visited the Sand Dunes during this report period. Ohio states were represented. One person from Pennsylvania took advantage of the picnic area. Twelves cars stop on visitation to the area.

ATTENDANCE IN VISITORS. For January, 1940 there were 60 cars and 179 visitors.

LODGING. Contact with visitors was done on five Sundays; 20 cars were contacted, with a total of 52 visitors. Contact time amounted to one hour, twenty minutes.

ROADS. The State approach has not been graded since December 11, and is therefore in very rough condition. The monument road from the entrance to headquarters and then on to the picnic areas is also rough and corrugated.

WILDLIFE. Three coyotes hang around headquarters with one female considered more of a pet. Picture of same attached.

On January 16, two full grown bobcats were playing with Junior in a pinon pine, 200 feet south from the house when the pet coyote showed up. One cat climbed to top of tree and the other took up a similar perch in a nearby tree - while Junior meanwhile found shelter in a hollow in the trunk of the pinon. The coyote had a good sniffing bout until we arrived to investigate. All that could be seen of Junior Bobcat was one eye peeping from the hollow. Papa, or perhaps it was Mama, was on guard above our heads. Unhappily it was too dark to take a picture. It was a cute family scene until the coyote ruined it.

Deer have been seen in the meadow below Mosca Creek. Birds are returning now for handouts.

S&MC REPORT. The three maps and narrative description were submitted on the Master Plan for S&MC work at this area.

FOREST FIRE REPORT. No forest fires were reported as in or near Great Sand Dunes during the 1948 calendar year.

PUBLICITY. Received an article, for reviewing, from Mr. E.W. Morrill, Editorial Department of the Buick Magazine. It was entitled "Sands of San Luis Valley", by Jack Zehrt and will appear in the May issue of the magazine. Minor corrections were made by this office.

A beautiful air view of the Sand Dunes appeared in the Denver Post of January 2, 1949.

ACTIVITIES. A Happy New Year - Phooey!

Its happened three years in a row - the freezing of this monuments water supply to the residence on January 12 of this year. The first year it was the main 2800 feet of line. This matter was somewhat corrected as during the second year, this section held and it was the line between the two tanks that froze.

This third year it appears that the trouble lies in both lines. Snow is too deep in the trench to locate any break in the 2800 feet of line. The settling tank is full of lovely unfrozen water, but the storage tank is only half full and water is barely trickling into this tank.

NOTES. The state approach has not been quite since December 11, and is therefore in very rough condition. The nonresident road from the entrance to headquarters and then on to the picnic areas is also rough and corrugated.

WILDLIFE. Three coyotes hung around headquarters with one female conducted more of a pet. Figure of same attached.

In January 18, two full grown bobcats were playing with junior in a pinon pine, 200 feet south from the house when the pet coyote showed up. One cat climbed to top of tree and the other took up a similar perch in a nearby tree - while junior meanwhile found shelter in a hollow in the trunk of the pinon. The coyote had a good sniffing and sniff so arrived to investigate. All that could be seen of junior Bobcat was one eye peering from the hollow. Then, or perhaps it was then, we on guard above our heads. Unhappily it was too dark to take a picture. It was a cute family scene until the coyote ruined it.

Deer have been seen in the meadow below Moses Creek. Birds are returning now for business.

BOOK REVIEWS. The three maps and narrative description were submitted on the master's plan for 1800 work at this area.

FOREST FIRE REPORT. No forest fires were reported as in or near Grand Lake Lodge during the 1949 calendar year.

PUBLICITY. Received an article, for revising, from Mr. E.T. Martin, Assistant Superintendent of the Rocky Magazine. It was entitled "Lands of Long Lake Valley", by Jack Ewart and will appear in the May issue of the magazine. Minor corrections were made by this office.

A beautiful air view of the Lake Lodge appeared in the Denver Post of January 2, 1949.

MISCELLANEOUS. A Dopey New Year - Phooey!

The happiest three years in a row - the freezing of this monumental water supply to the residents on January 12 of this year. The first year it was the main 2400 foot of line. This winter was somewhat corrected as during the second year, this section held and it was the line between the two banks that froze.

This third year it appears that the trouble lies in both lines. Snow is too deep in the trench to locate any areas in the 2400 foot of line. The entire bank is full of lovely underseep water, but the storage tank is only half full and water is barely trickling into this tank.

During the first year freeze-up, water was hauled in milk cans, the second year, a fifty-five gallon barrel was obtained; the third year, another barrel was bought as well as a pump for the removal of water from the barrel.

Since there will be no hopes of receiving enough money to properly install this water system, it is hoped that conditions may be improved for next year's freeze-up, by installing a large enough tank and water pump in back of the residence to pull us through this unpleasant period.

This year water is being hauled from the Zapata Ranch, six miles south of headquarters. Too bad somebody didn't use their head when they planned the water system at this area. The house was built first and then the water question came up. The well at the Zapata Ranch is twelve feet to water.

However, on the bright side, we have an oil furnace to keep up warm, a propane ice-box instead of garage and a propane stove to heat the laundry water. Pity the poor stove, its rapidly losing its school-girl complexion - in other words, the enamel is wearing thin around the burners.

A great deal of time has been spent on the 3KW light plants. In the December narrative reports, it was noticed that other areas were also having trouble. The No. 1 plant is still not in operation - believe its the timing, but have not hit upon the right combination as yet. The No. 2 plant is a hoodoo - the valve springs are always breaking. Replaced 2 springs on January 10, and ten days later, two springs broke, one of which was the one installed on the 10. This is a nasty job and am wondering how many Superintendents would give Onan & Sons a favorable testimony on their product?

Bandelier, how about sending out a list of your surplus light plants, now that you are a "civilized" area and hooked up to the main line?

Took delivery of the new Dodge ½-ton pickup on January 5. This equipment is becoming rapidly broken in on hauling water. Had heater, flare box, reflectors and fire extinguisher installed.

A short extension was placed on the vent valve on rear-end of the new Ford dump truck in order to correct the leakage of grease from the rear housing.

The battery of the old Ford dump truck was given a slow recharge in anticipation of its delivery, sometime in the future, to Tonto.

The new motor patrol sits proudly in the parking area, unable to move. Its too cold to break the paint job and properly grease this piece of equipment. Its about 52 days to spring, they say, and then the

During the first year from-to, water was hauled in milk cans. The second year, a fifty-five gallon barrel was substituted; the third year, another barrel was bought on well on a sled for the removal of water from the barrel.

Since there will be no hope of securing enough money to properly install this water system, it is hoped that conditions may be improved for next year's from-to, by installing a large enough tank and water pump in back of the residence to pull in through this unpleasant period.

This year water is being hauled from the Dupuis Ranch, six miles south of Dunglenstere. The tan somewhat dirty's was their land when they planted the water system at this area. The house was built first and then the water system came up. The well at the Dupuis Ranch is twelve feet in water.

However, on the bright side, we have an oil furnace to keep us warm, a propane lamp-for lighted of gasoline and a propane stove to heat the laundry water. Fifty one year ago, its reality loving its school-girls condition - in other words, the school is serving this around the barrel.

I forgot that of time too fast front of the DEF light plants. In the December narrative reports, it was noticed that other areas were also having trouble. The DEF I plant is still not in operation - neither is the [illegible], but have not hit upon the right combination as yet. The [illegible] is a Dodge - the valve springs are always breaking. [illegible] springs in January 10, and two days later, the springs broke, one of which was the one installed on the 10. This is a tough job and we wondering how many days it should work. Would give them a hand a favorable [illegible] [illegible] [illegible]

[illegible]. Now there [illegible] was a list of your working light plants, not that [illegible] a "real [illegible]" [illegible] looked up to the main line

[illegible] of the new [illegible]-ton plants on January 2. This equipment is breaking very [illegible] in hauling water. [illegible] lines [illegible], [illegible] and [illegible] [illegible].

A short extension was placed on the vent valve on rear-end of the [illegible] dump truck in order to correct the leakage of grease from the rear [illegible].

The battery of the oil fuel dump truck was given a slow recharge in anticipation of its delivery, something in the future, to [illegible].

The new motor patrol sits quietly in the parking area, ready to move. Its too cold to break the paint job and properly grease this piece of equipment. Its about 32 degs to spring, day say, and then the

roads can get their shoulders trimmed. Three locks were purchased to lock up the patrol.

The annual physical inventory was taken of all property at Great Sand Dunes.

Cleaned snow from the front of the garage only four time this month - low record.

Sent series of personal negatives to Regional Naturalist Dodge for inclusion in monument files, if they are deemed worthy.

Believe a grazing permit should be issued to J.W. Williams, as he has been asked on three occassions to remove his horses from the monument - no results.

Wood-haulers are working on both Williams and Ziegler private lands on the north of the monument boundary. Quite a bit of timber is being cut and hauled out. This is also hard on the roads, and both parties have been warned to drive slowly and carefully when on the monument road.

Received and reviewed the following narrative reports: Region One, May, June and July, 1948. Region Two, May, June and July, 1948. Region Three, June, 1948 and Region Four, May and July, 1948. Also, Southwestern National Monuments narrative report for November and December, 1948.

Office work was kept current on Sundays when visitors were contacted, as well as other routine duties.

Propane gas, white gasoline and other materials were hauled during the month.

Hauling was reduced to garbage - until the water line froze. One month was ideal - when everything was under control - So, as they say - "When Winter Comes, Can Spring Be Far Behind?"

Ted C. Sowers,
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

January 24, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of January, 1949.

Visitors this month to Castle and Well - 571; travel year to date - 5235.

Weather Continuous stormy weather beginning January 9 has almost eliminated visitors to this monument. Roads into the Verde Valley from both Flagstaff and Prescott have been dangerous and passable only with chains. For short periods the roads have been reported closed. Snow has fallen at this monument at different times and as this is written there are over five and one-half inches on the ground with more falling. The total moisture recorded is 1.68 inches not counting today's storm. One carload of visitors reported that a deep mud hole deterred them from reaching Montezuma Well and some unsurfaced roads in the vicinity have become almost impassable.

Administration Stormy weather and reduced travel has allowed us to catch up some on long delayed photographic filing, research reading, etc.

Only one man was on duty at Montezuma Castle and no one at Montezuma Well on December 25 and on the afternoon of January 1. The monument was closed the morning of January 1.

Quarterly and annual reports were completed and considerable time was spent on maps and data requested by the Regional Soil Conservationist.

We completed the material being prepared for a booklet on this monument to be published by the Government Printing Office.

Maintenance A leak which developed in the roof of Residence No. 1 was temporarily repaired, and the drainboard and cabinet tops in that building were sanded and varnished.

All fire extinguishers were checked and the soda and acid extinguishers refilled.

The restrooms have been cleaned for repainting upon the return of fair weather.

Lumber was purchased for constructing shelving on the back porch at Residence No. 1 and in the museum at Montezuma Well.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Shenandoah Valley National Memorial
Shady Grove, Virginia

January 19, 1940.

MEMORANDUM for the Regional Director, Region Three.

There follows this monthly report of activities at Shenandoah Valley National Memorial for the month of January, 1940.

Visitors this month to Shenandoah Valley - 270. Average per day - 8.8.

Weather. Continuous frosty weather beginning January 3 has almost eliminated visitors to this memorial. Since late the Twelve Poles from both Tidewater and Staunton have been dismantled and permanently only 4 to remain for about period this trees have been properly stored. Some 300 Poles at this memorial at different times and at this is nothing done over fire and windfall lumber on the ground with more fallen. The total volumes remarked is 1,400 lineal and merchantable timber. The average of visitors reported that a deep and hole-infested then fire protection Station Hill has some unscathed trees in the vicinity interpretation almost impossible.

Maintenance. Frosty weather and reduced travel has allowed us to catch up some on long delayed photographic files, reference reading, etc.

Only one tent was on duty at Shenandoah Valley and he was at Skyline Hill on December 31 and on the afternoon of January 1. The monument was closed the morning of January 1.

Quarterly and annual reports were completed and respectively then were sent on more all data requested by the National Park Conservationist.

We completed the potential total prepared for a meeting on 8th necessary to be submitted to the Conservation Division Office.

Personnel. I have which discussed in the year of Skyline Co. I was temporarily reported, and the replacement not reported since he was waiting more needed and worthwhile.

All this satisfactory over should and the work and best satisfactory relations.

The maximum time was cleared for repairing upon the results of fair weather.

Larger and available for accomplishing activity on the last part of Skyline Co. I are in the course at Shenandoah Valley.

A bursted faucet at the corner of the garage was replaced. This was the only damage sustained from prolonged cold weather although numerous water pipes and pumps in the valley were frozen.

Visitors Travel until the weather turned stormy was normal. There were 141 visitors to Montezuma Well in 46 cars and 430 visitors to Montezuma Castle in 113 cars. Tickets sold, 107; tax but no ticket, 6; children who climbed free, 14. We have now been advised that children of 12 years and over will be charged the adult rate, except for uniform special provisions for free admission to organized groups of children 18 years of age or under.

Contacts One hundred and twenty-seven visitors were guided through the Castle in 34 groups; 269 visitors saw the museum in 70 groups; 51 visitors received information outside the ruins or museum. Contact time, Hastings, 32.50 hours; Ieding, 4.50 hours; Schroeder, 14.50 hours; total 51.50 hours.

N P S Visitors Assistant Regional Director Davis arrived between snow storms on January 16. Several administrative details were discussed and a visit was made to Montezuma Well.

Publicity The most popular view of the Castle was used by Selna's Stores in Cottonwood, Clarkdale, and Jerome on their calendar for 1949. Three of these calendars were sent to the Regional Office.

It was reported that before Christmas a discussion of Montezuma Well was used on the Know Your America program over Radio Station WJR, Detroit.

On January 9 Commander Scott again included Montezuma Castle and the Well on his Romance of the Highways program for Greyhound Bus.

Interpretation All of the thirty-three stakes on our Sycamore Trail were replaced. These are wooden stakes made from 2x2 lumber beveled to hold a 3 x 4 inch piece of plywood. On this is painted a number which corresponds to a paragraph in our trail booklet. New stakes were used throughout and each stake was given two coats of paint.

Wildlife Observations Three racoons were seen on the pavement about half way up our entrance hill on the night of January 1. Although their tracks are common, this is the first observation recorded in our files.

Southwestern Monument Association Sales Total sales for the month, $31.00. Total cash received, $29.30 leaving a shortage of $1.70 on our "Serve-Your-self" plan.

The following excerpts were taken from Archaeologist Schroeder's report from Montezuma Well.

Administration Daily duty was maintained except on lieu days and as follows: worked at the Castle 6½ days, ½ day holiday, 1 day annual leave.

Several days of snow (about 4 inches one night) and rain mixed with intermittent sunshine kept the county road in a sloppy state. As a result

we had 12 days without travel. For three days visitors had to walk to the Well as the hill was too slick for driving.

The majority of the month was spent working in the museum. Plans for the fourth exhibit panel were roughed out. Additional color was added to the first panel by painting the borders of some of the sketches. Shelving was installed beneath exhibit panels 1 and 2, and the outer paneling was finished. One door has been made leaving three to complete the project. Bid forms were received for wrecking three buildings on the area and two prospective bidders were taken through the buildings. A third was brought over by Supt. Hastings on my lieu day.

A copy of the preliminary report on the plant survey was received from Paul Spangle and Myron Sutton with a request for comments. Minor corrections, such as mileage statements, Indian occupation dates, etc., were made and the copy was returned. The report well illustrates the abundance and variety of plants here, 60 families and 189 species being represented in this preliminary survey. We shall look forward to the publication of their worthy report.

Aid was given the county road grader operator whose truck slid off the road 14 miles north of here. He hiked through 11 miles of snow and obtained a ride to the Well. He was taken to his McGuireville headquarters.

Records A new bird for the area, the Gray-headed Junco, was observed to be fairly common this month. Spurred Towhees were exceptionally numerous since the snow fall. Coyotes have been fairly active along the creek having been heard and seen several times.

The chronicle card for 1948 was made out and other informational material that had been gathered was written up and placed in the fact files. About one-fifth of the duplicate set of catalogue cards was completed. Sherd collections from the Well sites were analyzed, accessioned, and catalogued.

Visitors January 6 - Director V. Fleming & wife from Hollywood, We regret to report his death about an hour later at a local guest ranch.
January 14 - Roland Richert and wife from Tuzigoot. Rick brought some sherds which he planned to send off in answer to a request, and others were added from our collection to fill in the gaps.

January 16 - Assistant Regional Director Davis came through during our bad spell of weather.

Homer F. Hastings,
Superintendent.

[illegible]

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS

P.O. Box 38, Ajo, Arizona

January 25, 49.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of January, 1949.

Weather

We have been without our famed Arizona sunshine most of the month. A total of 1.28 inches of rain fell on eight days and still raining as this report is being written. More cold days occurred during the month than ever before experienced, with a low of 20 on January 4, which caused considerable damage to plants as freezing temperature was reached early in the evening. High for the month was 65 degrees on January 1.

This is the first time we have ever had a freeze that broke pipes, but repairs were necessary to the water system.

Protection

With additional personnel this month, we were able to make more patrols than formerly when all time was needed for contact duty.

Master Plan

The Soil & Moisture section was prepared for the master plan and colored map submitted.

The Forestry & Interpretive sections have been received and are now being reviewed.

Personnel

J. W. Brewer returned to Organ Pipe for duty January 1, and then began annual leave January 16, for a trip through Mexico.

Accidents

The Ajo-Sonoyta bus overturned just outside the monument boundary on the night of December 25. The driver swerved to avoid hitting a cow and a wheel caught in the soft shoulder causing the bus to go out of control. Although 22 passengers were in the bus, it seems only two were injured seriously enough to be hospitalized.

One other wreck occured on the monument but details were not available.

Travel

Storms throughout the state have slowed up normal travel but we have still had a good increase in out-of-state visitors.

Organ Pipe Cactus National Monument

Ajo, Arizona

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone National Park, Wyoming

January 23, 1936.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Moran Park during the month of January, 1936.

Weather

It has been windy and fairly pleasant throughout most of the month. A total of 1.25 inches of snow fell on eight days and still remains as this report is being written. This will help considerably during the month that may yet intervene before sprinkling, with a low of 22 on January 1, which caused considerable damage to plants in Jackson Hole. Temperatures now reached only in the neighborhood of 45 for the month and 24 degrees on January 1.

This is the first time in years that a Christmas Eve dance could be held outdoors without the use of fires.

Maintenance

With additional personnel this month, we were able to make more progress than formerly when all time was devoted to assistant duty.

Master Plan

The Hill & Stainton portion has progressed for the master plan and contract map completed.

The Forestry & Landscapes sections have been received and are now being reviewed.

Personnel

It is never relieved in Moran Park for duty January 1, but that helps overall leave January 1st, for a fully manned station.

Activities

The Administration has instituted just outside for recreational bowling on the night of December 28. The driver received in merit training a new and a great deal of interest in the work machine bowling has been in its 4th of results. Although 22 passengers were in the bus, it seems only the more interested enthusiasts should be encouraged.

The other areas covered in the summary but details were not available.

Travel

Rangers Murdoch and Stark have visited by normal travel but we have still had a good interest in information requests.

Chief Ranger

Abe Austin

We have had crowded conditions all month in our undeveloped camp area, with an average of 12 campers per night all month.

William R. Supernaugh,
Superintendent.

Saguaro National Monument
Tucson, Arizona

January 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for January, 1949.

General.

Travel to Saguaro National Monument for January, 1949, shows a decline over the corresponding month of 1948. This drop in travel is attributed to the unprecedented cold weather, prevelant for most of the month. Then too, tourist travel to southern Arizona is estimated to be about 25% less than last year. It was interesting to note however that some 177 persons visited Saguaro on Sunday January 16, attracted by a 3 inch snow fall in the Cactus Forest.

Weather.

Several snow storms covered the entire area from the desert to the top of the Rincons, varying in depth from three inches at headquarters to an estimated eighteen inches at Mica Mountain. The lowest minimum temperature recorded at headquarters occured on January 4, when the mercury dropped to fourteen degrees at 7 A. M. Water pipes at both Madrona Ranger Station and headquarters were frozen. No damage was sustained at headquarters, but several pipes were broken at Madrona. We were fortunate in having sufficient salvage materials to make effective repairs of the water system.

Inspections made in the cactus area, discloses no indication of damage to the cacti by low temperatures.

Special Activities.

Assistant Regional Director John Davis and Regional Chief of Land Planning Milton McCelm, accompanied by Superintendent King, conferred with Dr. J. Byron McCormick relative to the Saguaro land problem.

Regional Director Tillotson made a general inspection of Saguaro on Sunday January 23, administrative matters were also discussed with the superintendent.

[illegible] National Monument
Tucson, Arizona

February 20, 1969.

MEMORANDUM: for the Regional Director,
Denver Area.

Here follows the monthly narrative report of activities at Saguaro National Monument for January, 1969.

General.

Travel at Saguaro National Monument for January, 1969, shows a decline over the corresponding month of 1968. Cold damp is thought to have contributed to the unprecedented low months, principally for lack of the month. Time has, however, Saguaro is undoubtedly increase in activities. To be about 20% have been this year. It was interesting to note that some 117 persons visited regions on Monday January 13, attributed to a 2 inch snow fall in the Santa Fe.

Weather.

Unusual snow storms covered the entire area from the desert to the top of the Rincons, varying in depth from three inches at Rincon Ranger Station to a maximum eighteen inches in Cave Creek. The lowest minimum temperature recorded at Saguaro headquarters on January 5, when the mercury dropped to twenty degrees at 7 a. m. Other lows of both daytime temperatures and precipitation were lower. No damage was sustained in Saguaro headquarters, but several snow storms in January. In view of the unusual weather conditions in January, it is thought necessary to make activities regular of the water system.

Improvements made in the routine area, directions on installations of lamps to the south of the Saguaro headquarters.

Special Activities.

Assistance Regional Director John Davis and Regional Chief of Land Planning Miles Mahin, accompanied by Superintendent Ellis, conferred with Dr. C. Lyons Schwartz relative to the Saguaro Land problem.

Regional Director Williams made a general inspection of Saguaro on Monday January 20, administrative offices were also discussed with the superintendent.

General Publicity.

Saguaro National Monument was given some good publicity in the December issue (1948) of Arizona Highways.

The Tucson Chamber of Commerce is currently distributing an information leaflet containing excellent information on Saguaro, together with a fine picture taken in the Cactus Forest. More than one half of the space on the last page is given to the article and the picture. This is tangible evidence of the real interest in Saguaro by the Tucson Chamber of Commerce.

Maintenance.

The Loop Road was dragged twice during the month, it is in fair to good condition.

New Construction.

The construction of a much needed blacksmith shop at Madrona Ranger Station was initiated during the month. Materials for the sides and roof (corrugated iron) were salvaged from a previous structure. With both the Maintenanceman and Packer engaged in the construction, we anticipate completion by the middle of February.

Approaches to Park Area.

The Broadway approach was graded once during the month, but remains generally rough.

No grading was accomplished on the Vail approach, it is very rough all the way to head quarters.

State, County, or Municipal Legislation.

Authorization to create improvement districts in the vicinity of Saguaro National Monument, will be introduced in the current session of the Arizona State Legislature, by Representative James W. Ewing of Tucson. Copies of the proposed act were forwarded to the Regional Director. The residents of this vicinity are anxious to petition for paved roads, but the proposed act must become law before their desires can be entertained.

Accessions.

A three burner gas stove (propane) with oven attached was transfered from Tumacacori National Monument, for use in the bunk-house at Madrona Ranger Station.

Immoral Publicity.

Thomas Tudhoed Thomson was given some good publicity in the Saturday issue (21st) of Friday Ephemeris.

The Thomas Chamber of Commerce is currently advertising in Ephemeris Dailies regularly scrolling informations on Thomson, highlighted with a fine picture taken in the Darbee Tavern. Here then one half of the space on the last page is given to the website and the picture. This is tangible evidence of her real interest in Augusta by the Thomas Chamber of Commerce.

Statement.

The long road was dangerous twice during the season, it is in fact in good condition.

The Investigation.

The resignation of a real market situation that is Thomson Energy-Thomas was published during the weekend. Publicity for this albeit not most flattering issue I have noticed from a previous advertisement. This was the interconnection and reality manager in the environment, so multiple complaints by the public of Thomson.

Interview in Just Jim.

The Broadway reviewer was invited back after the match, but results generally weak.

The profits are circulated in the Tell Gypsies, it is may people all the way to Lanchester.

Title, Truth, or Political Statistics.

Although politics be strongly interwoven activity in the vicinity of Thomson Diplomat Thomson, will be highlighted in the current publication of the Darlene Truth Legislature, by Representative Jimmy C. Dunlap of Thomson. Copies of the proposed act were forwarded to the Thomson Citizens. The members of this society are anxious to publish the proposed truth, but the proposed act must before the Public Service can be constructed.

Interview.

I have heard you mention Irongate, this area established was originally from Thomson's Original Thomson, for use in the mid-Ebony to Darlene Major Trains.

Accessions (cont'd)

On January 18, we received the Model 402 Galion Motor Grader purchased from Hilton's Inc., Las Vegas New Mexico. We have not been able to use it as yet, because the heater hose was cut through by rubbing on the multiple drive pulley. The vendor has been informed and we expect to receive a replacement hose in the near future.

A 38 caliber revolver was received from the Regional Office.

Interpretive Services.

A total of 1225 people in 347 parties were given interpretive service at headquarters, for an average of 15 minutes per party.

Two cross sections of a Giant Saguaro plant were cut from a wind thrown plant for display purposes at headquarters. This manner of showing the plant construction to our visitors has proven effective and interesting.

The Superintendent gave a 15 minute talk over Station KVOA in Tucson, on January 21, describing plants and animals of Saguaro National Monument. The program was sponsored by the Pima County Board of Education, for the benefit of grammar school students.

Increase or Decrease in Travel.

Travel has shown an increase of 325 persons over last month, but a decrease of 1254 persons over the corresponding month of 1948. A total of 1950 persons in 798 cars visited Saguaro During the month. Total visitors for the 1949 travel year, 6336.

Visitors.

Chief Clerk Luis Gastellum, January 1, 1949.

Miss Carey M. Stein, former employee in the Director's Office, January 14, 1949.

Sam Orem, Ranger, Tonto National Monument, January 21, 1949.

Personnel.

Marvin H. Frost Sr. entered on duty as Park Ranger, January 9, 1949. Ranger Frost has been assigned to interpretive work at headquarters. Mr. Frost is well qualified for this work and we welcome him to the staff.

Samuel A. King
Superintendent

Accomplishment Inventory:

On January 12, we received the total all-action inventory prepared from citizen's land, last Tuesday the Tuesday. It seems was been also to use it yet, because the budget book was not sufficiently for relative on the multiple-data policy. The weekly log been increased and we expect to receive a duplicate book in the next future.

A 20 million revolver was received from the Department citizen.

Implementation Services:

A total of _____ people in _____ provinces were given transportation services at headquarters, for an average of _____ minutes per people.

The Bryan machine of a field laundry plant were put from a road tractor plant for display purposes in headquarters. This method of showing the plant requirements to our visitors has proven effective and informative.

The Quartermaster park a 12 months full-over training with in Tuesday, on January 23, describing plants and methods of keeping national resources. The program was sponsored by the Tuesday Group of Industries, for the benefit of Quarter-school students.

Increase of Industry in Tuesday:

Tuesday has added an increase of _____ persons over last month, but a decrease of _____ persons over the corresponding month of 1960. A total of _____ persons in _____ city visited Tuesday during the month. Total visitors for the first seven years, _____.

Finance:

Total funds this Tuesday, January 1, 1961.

Bill Bring, A. Tuesday, Tuesday supplies in the Tuesday's office, January 16, 1961.

Jan Jones, Tuesday, Tuesday National Research, January 16, 1961.

Personnel:

Marvin E. Frank Jr. attended an hour in Jack Tuesday, January 8, 1961. Tuesday first has been employed in Industrial work at Tuesday Industries. Mr. Bryan is well qualified for this work and we welcome him to the staff.

Thomas L. Bryan
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

January 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Sunset Crater National Monument during the month of January 1949:

Weather: The heavy snowfall has closed the area during the entire month. Since December 24, according to the Weather Bureau, a total of 7'10" of snow has fallen. This exceeds the record of any previous thrity day period. At one period of several hours the rate of snowfall exceeded that of any record in the entire Southwest. The State Highway Division working out of Flagstaff has eighteen plows and four motor patrols working on a 24 hour basis. Several times during the storm Highway 89 has been closed for as long as ten hours by drifting snow in the vicinity of Black Hill and Doney Parks.

David J. Jones
David J. Jones
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Saint Croix National Monument

Christiansted, Virgin Islands

January 22, 19 [illegible]

Superintendent
Virgin Islands National Monument
Saint Thomas, Virgin Islands

Dear Sir:

There recently a report of activities at Buck Island Reef National Monument during the month of January 19[illegible].

Between the heavy rainfall and strong winds during the latter part of the December 19[illegible], anchoring in the Buck Island Reef area, a total of five of the boats in the fleet. This caused the crews of the vessels to go ashore and remain for a period of several hours. The view of vessels crowded that if any vessel in the anchorage dragged, the other vessels would be in danger of being damaged. The Virgin Islands Highway Department was asked for assistance in moving the vessels to safe anchorage in a safe harbor. Several times during the storm Highway 10 was closed for an hour or two by fallen trees in the vicinity of Black Hill and Bonne Terre.

Very truly yours,
Noel A. [illegible]
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

January 26, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of January, 1949.

Weather. With great pleasure, I report that the rain which began on December 22 has never stopped. Well, for a day or two, but we have had about 10 inches of rain in 34 days. The lake has risen some 50 feet, and there is nearly enough snow in the mountains to fill it. The natives are cautiously hopeful. Have had a bad freeze which put the Cooper water line out of service.

Approaches to Monument. Muddy. Most of Apache Trail is good gravel, but the ten miles near Tonto are a bit slippery. Some gravel has been hauled on the entrance road.

Interpretation. Museum open all month. Several trips made to the Upper Ruins, considerable museum contact made due to having 2 men on every day. A few more plants were labeled.

Travel. The rain and bad roads were the cause of a considerable decrease in travel. Only 1373 visitors came in January 1949, compared to 2618 this month last year. While travel to the Valley is less this year, we believe that the weather is almost wholly responsible for the decrease.

Visitors. Archaeologist Dan Davis and family from Casa Grande. Assistant Regional Director Davis and Regional Chief of Lands McColm. Mr. & Mrs. Jh. Jager Gerlings, Museum Curator, Amsterdam, Holland. Mr. Robert Drake, US Geological Survey, Albuquerque.

General. Road man Constable hauled gravel on the worst places on the entrance road. Principal job this month was repairing pipe lines, and sign manufacture. The set of branding irons from Casa Grande makes good incised letters, and was used quite a bit. Museum labels were worked out and copy sent to Museum Curator Macy. Pierson did quite a little research on plant identification for labels to be made. Rain has delayed the start of the propane installation job.

Charles C. Sharp
Charles C. Sharp
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Sequoia National Monument
Sequoia 6, California

January 30, 1949

Superintendent
Sequoia National Monument, Sequoia 6, California

Subject: Monthly Report of Activities at Sequoia National Monument for the month of January, 1949.

Weather. Very great pleasure, I should say, to write this report because the weather was unusual. Well, for a change we had not as much as last year in January of this month. The lack of rain was the Park, and this was particularly enough snow in the mountains to fill it. The weather was continually superb. We had a few frosty nights but the sunshine made it one of the best.

Improvements in progress. Roads. Road on Generals Highway is good condition. The road below Lodge Pole was a bit slippery. Some gravel has been hauled on the entrance grade.

Maintenance. Lumber cleaned all month. Firewood being cut in the Upper Camp, auxiliary sewage disposal tank dug in Lodge & road on every day. A few more plants were installed.

Travel. The park was had trails when the amount of a measurable decrease in travel. This light visitors when in January last, suggesting to this this month last year. This travel to the Park in June this year, we believe that the number is almost equally commensurate for the month.

Visitors. Accommodations are usual not fully from open concession. Sequoia National Monitor Parks and National Park of Lodge Lodge. 1. A few, the Lodge Dwellings, Upper Camp, Auditorium, Cabins. 2. Modern rooms, in residential housing, Stamphouse.

Lumber. Road and Construction Dental crews on the most planned on the Generals Hwy. Installed 3b this month was resulting plan items and also installation. The use of hundred lumber from Upper Camp crews good resulted lumber, and and road with a big. Summer Lodge were marked and and copy work on Summer Camp. Planning the drive a little remained. Up plans installation the Jackie to be made. This has delayed the start of the program installation job.

Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

January 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

WEATHER CONDITIONS: The drowth ended very enthusiastically, shortly after Christmas, with the heaviest January rains in a number of years. Precipitation was 2.15". Light snow fell here, and heavy snows in many parts of southern Arizona. Slow, soaking rains fell on several occasions, doing great benefit to the parched earth, and the Santa Cruz actually had running water in it for two days. It looks as though this district may have a beautiful Spring time for the first time in several years.

With the moisture came many cloudy and windy days. Temperatures dropped to 11 degrees on the nights of January 4 and 5. This may be a record low for the past 35 year period. Maximum was 66 degrees, on December 31 and January 11.

The cold weather was very rough on some of our pear cactus. Two giant specimens of Indian Fig (presumably Opuntia ficus indica) on the mission trail lost so many lobes from freezing that it required a full load for the pickup truck to haul the dead matter away.

INCREASE OR DECREASE IN TRAVEL: January visitors numbered 2,537, which number has been exceeded twice previously, and is a sharp drop below the 4,065 visitors for January of 1948. While bad weather unquestionably has materially lowered our travel, the fact still remains that not as many tourists are on Southern Arizona roads as were last winter.

INTERPRETIVE SERVICE: 1,476 persons went on 229 guided trips through the mission church and grounds, receiving an average of 31 minutes per trip. 2,498 persons saw the museum, and the same number received combined information and interpretation service.

VISITORS: 12-28-48 - Junior High Fellowship group of Presbyterian Church, El Centro, California, brought 30 people, including 18 children.
Construction & Maintenance Foreman and Mrs. Hub. Chase, of Grand Canyon National Park, with Hub's parents. Hub started his Park Service career at the same place I did, and it was a real pleasure to see him and Ruby again.
1-2-49 - Superintendent Johnwill Faris, of White Sands.
1-10-49 - Superintendent and Mrs. Everett Bright, of Tuzigoot.
1-12-49 - Superintendent Cactus Pete (excuse me), I mean Samuel King, of Saguaro National Monument.
1-15-49 - A school group of 26 from Benson, Arizona.
1-23-49 - Park Naturalist Don Watson, of Mesa Verde National Park.
L. R. Jurwitz, Weather Bureau head for state of Arizona.
Engineer and Mrs. G. Landa, of the Direccion Nacional

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yosemite National Monument
Yosemite, California

January 6, 1949.

Memorandum for the National Director,
Washington, D.C.

[illegible]: The storms ended very suddenly, shortly after Christmas, with the heaviest January rains in a number of years. Precipitation was 3.15". Light snow fell here, and heavy snow in many parts of southern Yosemite. Also, heavy rains fell in several weeklies, doing great damage to the Pacific coast, and the Weather Bureau actually had reading water in it for two days. It looks as though this district may have a beautiful Spring this for the first time in several years.

With the exception of one very cloudy and windy day, Temperatures dropped to 12 degrees on the night of January 4 and 5. This may be a record low for the last 25 year period. Maximum was 55 degrees, on January 21 and January 22.

The rain weather was very rough on some of our poor guests. The plan questions of Indian Ford Campground Quality Flow Indian on the middle fork last so that we lower Park Creeking that it required a full load for the plant. Trust to that the load water away.

[illegible] in January: January visitors numbered 2,307, which number has been exceeded only previously, and is a sharp drop below the 4,000 visitors for January of 1948. While our weather unquestionably has materially lessened our travel, the fact will probably not be many months are no doubt an Indian Prude as our last visitor.

[illegible]: 1,475 persons went on the guided trips through the public school and grounds, including an average of 11 minutes per trip. 2,800 persons saw the museum, and the area Ranger received numbered information and interpretation service.

[illegible]: 12-30-48 - Junior High Philosophy group of Tuolumne County, Sonora, California, brought 30 people, including 12 children.
Construction & Maintenance Figures not [illegible].
Chase, of Royal Tuolumne National Park, with Park's permit. Did attend this Park Service course at the same place 1 wk, and it was a real pleasure to see his and they again.
1-3-49 - Superintendent Tomwill Flyte, of Sierra Vista.
1-10-49 - Superintendent and Mrs. Beverly Bright, of Thousand.
1-11-49 - Superintendent Sutton Park (Monroe Wm), Lower Tuscal Alum, of Sequoia National Monument.
1-13-49 - 1 school group of 25 from Fresno, Visions.
1-23-49 - Yosemite National Park Station, of Sierra Vista National Park (Mr. Sequoia, Weather Bureau) for state of Sierra Engineer and Mrs. C. Lunds, of the Illinois Publicity

Caminos, for Mexico. He is in charge of the highway construction from Nogales to Guaymas, and reports that 22 kilometers of the Hermosillo-Guaymas section already is oiled. He expects the oiling on that link to be completed in February.

INSPECTIONS: 12-29-48 Chief Clerk Luis A. Castellum was in on annual leave for 2½ hours, but in that time we went over the Tumacacori books again and discussed fiscal problems.

1-14-49 Assistant Regional Director Davis and Regional Chief of Land and Recreational Planning Milton McColm were in for a good part of the morning, and a pleasant visit was combined with discussion of monument affairs in general.

MUSEUM AND EDUCATION: During some of the excessively cold weather it was actually possible to do some research in mission history, making more headway with our chronology and digesting some of the previously half-masticated bits of knowledge. This work, of course, aids our permanent fact file, but also materially helps the interpretation to the visitors. Pressure of business here for a long time had made it very difficult to settle on any research problem for a long enough period to really concentrate on it.

MAINTENANCE: Routine maintenance was kept current. Two shade trees near the superintendent's residence, which had died of Texas root rot, were pulled down and disposed of. The sign at our entrance door was repainted. Frozen cactus was cleaned up from mission trail. Most of the maintenance time has been spent in the patio garden. Manure has been hauled and spread, ammonium phosphate and soil sulphur has been spread. Levelling, trenching, and pruning have been done. A sick apricot tree was removed, the hole cleaned out and deepened, and a new tree planted there. The garden work is not finished, but the end for this season is in sight.

PERSONNEL: Ranger Brewer took six days of annual leave. Ranger Walker took one day of annual leave. The staff has taken a total of 13 hours of sick leave during the month.

BOUQUETS: A visitor took pains to specially compliment us on our clean comfort stations. We have never taken a count, but we venture the opinion that a far higher percentage of the travelling public visits our rest rooms than any other feature of the monument.

TREASURE: K. E. Schuman, of Tucson, brought down an M Scope one day. He explained that it works on the same principle as mine detectors, using reflection of sound waves. He went through the mission and grounds, and in many places found some indication of metal underground, and in several spots were found massive indications. He did not pretend to state that treasure was in such spots, but had no doubt ample metal of some sort could be found in them.

Dominos, for Darlen. He is in charge of the library construction from Douglas to Dayton, and reports that 12 bibliography of W- Terrestrial-Dayton section already is filed. He expects the cutting on that line to be completed in February.

[illegible]: 12-2-42 Chief Clerk Lois L. Bartelson was 12 on annual leave for 10 days, but in that time he went over the Transport Corps reports and discussed fiscal problems.

1-12-42 Individual Technical Director Lois and Technical Chief of Legal and Contractual Planning Milton Bartels were in for a good part of the morning, and a planned visit was enabled with Director of Research Effrim in Phoenix.

[illegible]: During some of the essentially dull [illegible] it was actually possible to [illegible] in minutes library, making more behind with our [illegible] of the previously half-mentioned site of [illegible]. This work, of course, did not permanent fact file, but also materially helps the interpretation to the visitors. Presence of [illegible] here for a long time had made it very difficult to [illegible] problem for a long enough period to really concentrate on it.

[illegible]: Routine maintenance was kept current. The main [illegible] the superintendent's residence, which had died of [illegible] root rot, were pulled down and disposed of. The plan of our maintenance department was [illegible]. Front [illegible] was cleaned up from [illegible]. Most of the maintenance time has been spent in the [illegible]. Rooms have been [illegible] and painted, [illegible] and [illegible] have been [illegible], [illegible], [illegible] have been done. [illegible] was removed, the [illegible] cleaned out and [illegible], and [illegible] there. The garden [illegible] is not finished, but the end for this month is in sight.

[illegible]: Sergeant Green took six days of annual leave. Sergeant Walker took one day of annual leave. The staff has taken a total of 12 hours of sick leave during the month.

[illegible]: A visitor has [illegible] to [illegible] confidence in our clean [illegible] stations. We have never taken a report, but we venture to [illegible] this is for higher personnel of the travelling public visits our rest rooms than any other feature of the museum.

[illegible]: L. L. [illegible], of Tucson, brought down a [illegible] one day. He explained that it [illegible] in the [illegible] potentially as [illegible] detectors, using [illegible] of some [illegible]. He said [illegible] the electron and [illegible], and in many places found some [illegible] of metal underground, and in several areas were found massive [illegible]. He did not [illegible] to state that [illegible] was in such [illegible], but he said he [illegible] of some sort might be found in them.

GENERAL: Superintendent Sam King of Saguaro came down one day and took some of our surplus property, consisting of a Wedgewood 3 burner hot plate with oven, a Flamo cabinet and regulator, and a large wooden warning sign.

A great deal of trouble has been experienced here lately with electric fixtures. Several months ago low voltage and high amperage caused a refrigerator to fail. After the power company boosted the voltage output on the transformer the refrigerator functioned satisfactorily. Then recently we have had an unprecedented number of light bulbs burn out in the museum cases. While urging a lethargic utilities company to squeeze our voltage a little lower we have been out considerable expense on bulb replacements. In a set of exhibits designed for about 150 light bulbs, the majority of which cost 75¢ each to replace, we really run into a sizable annual investment in bulbs, even under normal voltage. The utilities manager has promised to have the transformer re-adjusted very soon.

Earl Jackson

Earl Jackson,
Superintendent.

[illegible]: Superintendent Jim Ray of Sequoia Park Service has his and some of our equipment, consisting of a lightweight 3 burner hot plate with oven, 2 flame welder and regulator, and a large welding stick.

Recent Act of Congress has been experienced here lately with electric fixtures. Several months ago low voltage and high voltage caused a refrigerator to fail. After the power company varied the voltage output to the transformer the refrigerator functioned satisfactorily. Then recently we have had an unprecedented number of light bulbs burn out in the house case. While urging a lackadaisic utilities company to approve our failing a little longer we have had satisfactorily showing on both occasions. In a set of exhibits designed for about 100 light bulbs, the majority of which are 75 watt to realize, we really run into a double annual investment in bulbs, even under normal voltage. The utilities company has promised to have the transformer re-adjusted very soon.

[illegible]
Superintendent.

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA.

JANUARY 26, 1949.

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for January, 1949.

Weather: Winter slammed the weather-groggy Verde Valley and surrounding area with repeated crippling climatic punchesthroughout the entire month. Previous "severe" winters now seem like little more than dress rehearsals. During the past decade or two, when snow, sleet and cold paralized other sections of the country, we felt quite smug in our warm sun-baked valley where visitors came by the thousands to rest and relax. It's a different picture now, and at this moment great quantities of snow is still being dumped on already impassable roads. All of which make us more isolated than we were.

Travel Data: Needless to say these sledge-hammer like climatical blows have seriously curtailed travel. However, 412 hearty souls did manage to tunnel their way to this ancient city. Visitation for January, 1948 was 1225. Quite a drop.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 842. 314 pepope in 88 parties were shown through and given an orientation lecture in the museum, and 328 people in 91 parties were conducted through the ruins. The average time spent by each party in the museum and ruins was 21.5 minutes.

Personnel Time: Museum: 31 hours, 40 minutes. Ruins: 32 hours, 35 minutes. Total contact time for Bright: 14 hours, 40 minutes. For Richert: 49 hours, 35 minutes.

N.P.S. Visitors: Tuzigoot welcomed Ass't. Regional Director John Davis during the month. His helpful suggestions were well received and we wish it were possible for John to see us more often.

Maintenance and Administration: No month could be considered complete and well rounded without our chronic annoyance - the water pipe line. Despite precaution taken by letting a sizeable continuous flow of water the line froze solid on the night of January 2-3. The monument was without water for 10 days. On the afternoon of January 13, the line finally thawed-out and with this event a series of badly ruptured pipes. Five major splits have been welded and all is back to normal for the time being. The lull in travel enabled us to complete the much needed jobs of redecorating the office room and the two rest rooms. If funds permit we hope to paint the museum sometime in the near future. Archeologist Richert did an excellent job,deserves top commendation in collecting a fair-sized sampling of typical potsherds from Tuzigoot and two nearby Sinagua sites. All of which were labeled as to type and provenience and shipped to Dr. Karl Schmitt, Department of Anthropology, University of Oklahoma, where they will be used for classroom and museum purposes.

Everett W. Bright
Superintendent.

[illegible] NATIONAL MONUMENT
[illegible], [illegible].

[illegible] 30, 1949.

[illegible] for the Regional Director, Region Three.

Fairview is the monthly narrative report for Yellowstone National Monument for January, 1949.

Weather. Water storage in winter-proof tanks thaw and surrounding area with prepared or melting [illegible] [illegible] the entire month. Previous "severe" winters our area [illegible] [illegible]. During the past decade or two, this area, alone and only practical other methods of the country, we [illegible] to our main [illegible] [illegible] by the [illegible] in rain and rain. [illegible] a different [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] roads. [illegible] [illegible] [illegible] [illegible].

Travel [illegible]. [illegible] to [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Walnut Canyon National Monument
Flagstaff, Arizona

January 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly narrative report for Walnut Canyon National Monument for January, 1949:

Weather. This has been a record winter in the Flagstaff area. Not since 1895 has there been so much snow. We are now bearing up under about five feet of it on the level. The official tabulation has registered 100.4 inches since the first day of January and snow is still falling.

Special Activities. Superintendent and Mrs. Paul Beaubien left Walnut Canyon January 15 for Omaha, Nebraska. The Beaubiens left between snow storms and their household effects are still here. It has been impossible for a moving van to come in and pick up their property.

Inspection. Archeologist Steen was here the 15th and until noon the 16th. Mr. John Davis visited the area on the 18th.

Interpretation. There were only 62 people visiting the area during this report period and 41 of these were contacted. A few were able to take at least part of the ruins trip. The remainder were satisfied to look from the administration building or as in the case of two parties, had gotten stuck in the snow and were only interested in getting back to civilization, as they put it.

Wildlife. A flock of 6 wild turkeys were observed on and near the Monument the 5th and 6th of January.

Activities. Some time was spent with Superintendent Beaubien going over administrative details before he left.

Archeologist Aide Rixey returned from leave on the 5th of January and has been finishing his ruins report, archeological report, cataloging artifacts and shoveling snow.

The leak in the administration building has gotten progressively worse and as suggested by Mr. Davis that portion of the leaky roof has been kept clean of snow. Rock salt has been used to keep the drains from freezing with ice and allowing water to stand on the flat roof. So far this seems to be of great help.

Superintendent Brewer's dump truck was sent to Wupatki National Monument as suggested by Superintendent Jones. This area has no covered storage space available and parking it outside seemed impractical in this weather.

Joe Bean of Wupatki came to Walnut on the 21st to break a road into the old log cabin. The Coconino County snowplow had twice previously tried to break the road but Bean and his 4x4 dump truck was needed for the job.

The comfort station and the unoccupied Superintendent's residence were drained and the water shut off.

[illegible]
[illegible], Indiana

[illegible] 20, 1942

[illegible] for the National Director, Dallas Times.

[illegible] the [illegible] Assembly report on the Liberty Bonds National [illegible] for Liberty, 1941:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Walnut Canyon National Monument monthly narrative report continued:

The roof supports in the old CCC mess hall were bent out of line by the weight of snow on the roof. The roof has been cleared of snow but the building is still so out of line that doors will not close.

The Navajo Monument patrol grader has been most valuable in snow removal but we are soon going to have no place to push the snow.

Four days during this period no mail was received due to road conditions.

Cooperating agencies. Coconino National Forest Service donated an old set of chains that were cut up and made to fit the 11.00x24 inch grader tires. Coconino County road men have done a splendid job of keeping us plowed out.

Accessions. The Southwestern Monuments Association donated to Walnut library 27 BAE reports and other books of historical or scientific value.

John A. Aubuchon
Park Ranger

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
White Sands NATIONAL MONUMENT

Box 231, Alamogordo, New Mexico.

January 21, 1949. 19

MEMORANDUM for the Regional Director, Region Three.

JANUARY TRAVEL, 1949	1949 TRAVEL YEAR TO DATE
Visitor - 4,791 Cars - 1,274	Visitor - 24,060 Cars - 6,405

We stated in January, 1948, that our big increase in travel was undoubtedly due to the open weather for the period, and we can likewise state that our decrease in travel for January, 1949, is also due to the weather, in that some of the country's record weather has been experienced this past month. The White Sands National Monument had seven and one quarter inches of snow in one storm. The minimum temperature dropped to seven below zero and the highways from every direction were blocked for short intervals on several occasions. We feel very fortunate in view of this extreme weather to have had 4,791 visitors in 1,274 cars during the month. Even at this writing our roads are in a deplorable state due to freezing and thawing conditions, prohibiting any work while frozen and being entirely too slushy while thawing.

One official trip was made to Santa Fe, regarding road equipment, and we are very pleased with the adjustments made by your office. A trip was made by Ranger Chittum to El Paso to secure our tractor tires which had been in the shop for recapping. During the time we had been without these tires we took out the old Wehr and attempted to keep up our roads with it, but its age has exceeded its usefulness and our efforts have met with little success. Considerable difficulty has resulted from the low temperatures, in that our non-portable water lines have frozen on two different occasions and necessitated the expert attention of Ranger Chittum with his acetylene torch to put them back in serviceable condition. These same temperatures have necessitated an increase in our wood consumption by the fireplaces in the administration building.

In the early part of the month we noticed rather queer expressions on the faces of our visitors upon being told to drive all the way into the area, and noticed a rather apologetic note in their request for admission.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____, _____, _____

_____ 19

MONTHLY REPORT FOR THE BUSINESS ADMINISTRATION, BUDGET DIVISION:

JANUARY YEARLY, 1948 — SEE YEARLY FILE ON DATE

VISITOR - 1,777 Down - 1,277 — TRAFFIC - 34,000 Down - 6,400

By mistake in January, 1948, what was the Lincoln in Lincoln Memorial was unmistakably due to the open weather for the period, and to the Lincoln Memorial that our Department in Washington for January, 1948, is also due to the weather, in that most of the monthly reports showed that they have experienced this just month. The Lincoln Memorial reported that snow and some weather tables of snow in the above. The Lincoln Memorial reported to snow falling have and the Lincoln Memorial from every direction was blocked for about Thursday on January 15-weather. The best very reported in what of this January weather to have had 1,777 visitors in 1,277 were during the month. That of this visitor and traffic are in a Lincoln Memorial to Lincoln and weather conditions, prohibited any work which freeze not lying inside the Lincoln Memorial.

The official duty man made to Lincoln in, regarding road repair, and the men were planned when the maintenance crew to your office. A duty man made by Lincoln Memorial to 17 men to remove and weather snow which had been in the day for everything. During the time we had been without Lincoln Memorial snow we took are the men and attempted to keep up our work with it, but the snow has lessened the employment and our efforts have not been fruitless. Maintenance while it finally has resulted from the Lincoln Memorial. In this our maintenance crew also plans from the Lincoln Memorial maintenance and operations the major attention of Lincoln Memorial with the maintenance have been so put that be particular condition. Since some improvements have maintenance on Lincoln in our work arrangements by the Lincoln in the maintenance building.

In the early part of the month an national police came presented on the Lincoln of our visitors upon Lincoln help to drive all the way like the area, and visited a Lincoln visitors area in their visiting the monument.

These expressions were soon explained upon our next trip to Alamogordo in viewing a large sign about one quarter mile from our headquarters which, in glaring colors, bore this legend, more or less: "UNITED STATES ARMY ROCKET RANGE - NO LOITERING OR CAMPING FOR THE NEXT 40 MILES - BY ORDER OF THE C. O." It just so happened that the night following our discovery of this sign, a Captain from the Proving Grounds brought a delegate to the United Nations from France to our area and we, in a kidding manner, spoke of being unable to allow him to loiter, due to a sign a short distance from our Headquarters. He took it all in a good nature and assured us that the sign was one for general use and would be placed at a point between our headquarters and the rocket firing range and not between our headquarters and Alamogordo. This was done the following day for which we are very grateful.

Ranger Schaffner, Vera and Phillip, have just returned from a trip to Oklahoma and Kansas and seem very happy to be back in the mild climate which I have been criticizing so severely. On a personal trip of a very short duration I had the pleasure of visiting Tumacacori National Monument and enjoying again the able presentation of the Monument's features by Superintendent Jackson. It was especially noticeable in that on the same trip I visited San Xavier Mission and while every effort was made to interpret the features of the attraction to me, it lacked the polish and coverage noticed at Tumacacori.

We were able to submit to your office the past month, our Soil and Moisture Map for our Master Plan. We do regret not being able to have given the whole matter more study than was possible under the circumstances. We shall make an effort to secure data to make this map more in keeping with actual conditions as they exist.

The Concession figures show a corresponding drop in volume over previous months which likewise is directly traceable to the weather. Having experienced our share of bad weather, we are looking forward to some of our normal balmy days during which we will be able to catch up on some of our road maintenance as well as our visitor count.

Johnwill Faris,
Superintendent.

These expeditions were most explicit upon our side only to show: we in viewing a large ship about one quarter mile from our headquarters which, in "Spring" colors, bore this legend, more or less: "SECRETS ACTION AND DANGER SIGN - WE INVESTIGATE ALL THE WAY OF SIGN - BY GOODS OF EXIT C. C." It was as imagined that the night following our discovery of this ship, a dispatch from the Fertig groups brought a telegram to the Indian Nations from Texas to our area and we, in a blinding manner, upon a flying machine to allow him to letter, due to a ship a short distance from our headquarters. We took it all in a good nature and assured to that the ship was one for general use and would be placed at a point between our headquarters and the nearest firing range and not between our headquarters and Jefferson. This was done the following day for which we are very grateful.

Larger manufacture, men and quality, have just returned from a trip to Oklahoma and Texas and were very lucky to be back in the mid climate which I have been continually as several. In a personal trip of a very short duration I had the pleasure of visiting Tuscaloosa National Monument and majestic again the wonderful collection of the monumental features by superintendent Infirmo. It was especially valuable to them on the same trip I visited San Xavier plaine and while every effort was made to interpret the features of the attraction to me, it looked the public and convers modest at Tuscaloosa.

We were able to submit to your office the past month, our quil and Bulletin for our parks plan. It is hoped but being this to have given the white matter more study than was possible under the circumstances. We shall make an effort to answer back to this the more in keeping this annual meeting as they make.

The Concession figures show a encouraging drop in volume over previous month with likewise in directly traceable to the weather. During experienced our share of bad weather, we are looking forward to some of our normal rainy days during which we will be able to catch up on some of our real maintenance as well as our visitor count.

Respectfully Yours,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

January 26, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Wupatki National Monument for the month of January 1949:

Weather: New records were set for the month of January with a total snowfall of 14.5" and precipitation of 1.22". Not only is this a record for the Month of January, but any winter month on record. Maximum snow on the ground at any one time was 7" at Wupatki and 10" at the Citadel. Maximum temperautre: 51°; minimum: -2°.

Roads: While the roads have been passable to date, we may some trouble if the winds drift the snow. Very few visitors attempt getting off the main highway. As for road improvement, our work has been confined to five miles in the Wupatki Basin section where the snow has melted sooner and less difficulty experienced with frozen ground. There has been a period of 8 days without snow on the ground.

Travel: The total travel for the Monument was 19 this month, six of them registering at Wupatki. The six received guide service.

Accessions: One new Dodge pickup- I-31816- was received in Flagstaff. It is an excellent piece of equipment, except that the rear end is very light and skids considerably in snow and cinder unless it is heavily loaded. Notification was received of the awards for two water heaters, but delivery has not been taken due to bad weather conditions in Flagstaff.

NPS Visitors: Assistant Regional Director John Davis was in Flagstaff on the 19th and we combined our trip to town with other business to meet him.

Spring Flow: Wupatki Spring has increased in flow another 200 gallons this month, bring the measurement to 864 gpd. Heiser Spring has increased 195 gallons, the measurement being 2468 gpd.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ Superintendent, Monument

_____ Flagstaff, Ariz.

_____ January 24, 19 47

Superintendent for the Federal Security, Public Health.

Enclosing is a report of activities at Sunset Crater National Monument for the month of January 1947.

Business: The reasons were not for the month of January with a total attendance of 1,47 and visitations of 1,127. Not only is this a record for the month of January, but also during all years. Problems prior on the ground so low the time was 17 at Flagstaff and 14 at the Crater. Business changes slightly "a different 47".

Remarks: Only the roads have been plowed to date, so my time travels if the weather permits the same. Very few visitors attended. Public not the very busy. As for road improvement, my work has been confined to five miles in the Sunset Basin region where the snow has melted enough and has sufficiently experienced at least pavement. There has been a period of 2 days without snow on the ground.

Travel: The Park Service for the Monument was 19 miles north, via of Flagstaff on Sept 20. In six months cross country.

Assistance: The new Park plaque - 1-1947- has received in Flagstaff. It is an excellent piece of equipment. Assistance was good in very light and with available in spite and winter months it is usually limited. Utilization and remarks of the cards for the water Dalmes, the delivery has not been taken. Not is but another conditions is clear-cut.

The Flagstaff Assistant National Forests Sunset Basin was in Flagstaff on the 19th and we conducted our "fill in hunt with other business on next bill.

During Time Magazine "plan was discussed in the number 200 pulses this month, brine the Monument to 300 pts. Sunset Crater has increased 1,47 pulses. The Crater has increased _____ 4%.

Grazing: Again this winter we are having difficulty with trespass of cattle belonging to Joe Kellam. As many as fifty head have been at Heiser and wander to Wupatki Ruin in search of water.

Personnel: Maintenanceman Bean spent two days getting into Walnut Canyon, opening their roads within the Monument, servicing and checking over the patrol. Most of one day was spent near the Summit of Hiway 89 waiting for the road to be opened.

Old friends are like favorite pipes and well worn hats. You certainly regret giving them up. We felt a keen sense of loss when Lois and Paul Beabien took departure of Walnut Canyon. During the past ten years we have had many pleasant associations, but we are glad to see them go to a better job.

Maintenance: The cold weather brought its share of extra maintenance We experienced considerable difficulty starting trucks and heavy equipment, keeping batteries charged and mechanical difficulty with parts which broke during the cold weather operation. The water pump froze because of a leaking check valve on the line. This was replaced and one drain valve in the pump replaced with a plug to insure more complete draining. To get it out of the cold weather storage at Walnut Canyon the Navajo dump truck was brought out here for storage. The roof leaks on the Wupatki residence and there is a leak we finally located in the hot water line.

David J. Jones
David J. Jones
Superintendent

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

January
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	4	9	1/4 hr.
(Give Name or Type) Total	4	9	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Windows, etc	2	4	1 hr.
(Give Name or Type) Total	2	4	1 hr.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

13
Total Receiving Interp. Serv.

4
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Mahan

TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Heavy snows and cold weather made monument roads very hazardous. Extremely bad weather in Utah and surrounding states cut travel to practically zero.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE P[illegible]SE OF THIS FORM IS TO SECURE AN ACCURATE RECORD[illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

January
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Hist. House~~	18	95	1/2 hr.
Other Museum	49	206	1/4 hr.
Total	67	301	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	30	1 hr. ea.
Displays and Exhibits			
Replies to Inquiries			
Other			

301
Total Receiving Interp. Serv.

206
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	15
Popular Studies	
Source Books	

NAME Irving D. Townsend
TITLE Irving D. Townsend, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Bandelier National Monument~~
Name of Area

~~January~~
Month

~~1949~~
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	22	113	69.8
Other			
Total	22	113	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

~~113~~
Total Receiving Interp. Serv.

~~160~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Fred W. Binnewies

TITLE ~~Fred W. Binnewies~~ Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

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COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

January
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		Superintendent ~~Park Ranger~~	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	1	4	2 hr.
Ruins or Hist. House			
Other		4	
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	1	4	25 min.
Total		4	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

Total Receiving Interp. Serv. 8

Total Number Visitors to Area 32

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Meredith M. Guillet

TITLE ~~Superintendent~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE P[illegible]SE OF THIS FORM IS TO SECURE AN ACCURATE RECOR[illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain Nat'l. Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

January
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five of the			
principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

150
Total Receiving Interp. Serv.

450
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Homer J. Farr

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			1

January
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	191	2796	52.2 Min.
Other	189	2773	22.8 Min.
Total	380	5569	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Museum stn.		1101	
(Give Name or Type) Total		1101	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

5569
Total Receiving Interp. Serv.

3897
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	Out of Print.
Popular Studies	
Source Books	

NAME A.T. Bicknell

TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE P[illegible]SE OF THIS FORM IS TO SECURE AN ACCURATE RECORD[illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

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Section 30
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) uperintendent	
Temporary			

January
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	2	7	118 mins.
Other			
Total	2	7	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	2	7	18 mins.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	2	7	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

14
Total Receiving Interp. Serv.

7
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Irving McNeil, Jr.

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

January
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	30	299	½ hour
(Give Name or Type) Total	30	299	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Point Orientation Station (Estimated)	20	175	½ hour
(Give Name or Type) Total	20	175	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

474
Total Receiving Interp. Serv.

453
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Clem V. Cooke

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

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120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

JANUARY
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	9	32	26 Min
Other			
Total	9	32	4 Hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

32*
Total Receiving Interp. Serv.

51
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen
TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
*An additional 19 visitors, local residents, here to use telephone, or on other business were also contacted.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~El Morro National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~Superintendent~~	
Temporary			

~~January~~
Month

~~1949~~
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	2	7	1 hour
Other			
Total	2	7	2 hours

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	1	6	10 min
Other (Not connected with conducted trip)	2	4	10 min.
Total	3	10	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3		
Other			

17
Total Receiving Interp. Serv.

18
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Bates E. Wilson
Bates E. Wilson

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

The NSWP contacted 6 visitors & and gave road information to 4.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

JANUARY
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station	5	62	10 mins
(Give Name or Type) Total	5	62	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

62
Total Receiving Interp. Serv.

120
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ted C. Sowers

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

January
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	34	127	1 hr.
Other			
Total	34	127	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum (not continuously attended)	70	269	15 min.
Orientation (connected with conducted tour but information received by those not making tour)	10	51	10 min.
Exhibit room (Montezuma Well)	14	63	15 min.
(Give Name or Type) Total	94	383	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail	No record kept.		
Montezuma Well Nature Trail	31	141	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	None		
Talks	None		
Displays and Exhibits	None		
Replies to Inquiries	None		
Other	None		

651
Total Receiving Interp. Serv.

571
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer R. Hastings

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

The museum at the Castle, both nature trails, and guide service were available every day for this report month (31 days).

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UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary	None		

January
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Mahan

TITLE Acting Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Monument closed. Approach roads impassable during winter due to heavy snows.

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INSTRUCTIONS FOR FILLING IN THE FORM

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

JANUARY
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other Accompany patrol	4	15	6
Total	4	15	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	3	15	1
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	3	15	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	25	309	½
(Give Name or Type) Total	25	309	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

339
Total Receiving Interp. Serv.
9627
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William R. Supernaugh
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

January
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary	1		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	Days NO.		
Monument Headquarters	31		
		1225 people in 347 parties	5210 Min. Total 15 Min. average per party
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	1	County Schools	15 Min.
Talks			
Displays and Exhibits			
Replies to Inquiries	3		
Other			

1225
Total Receiving Interp. Serv.

1950
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Marvin H. Frost Sr. entered on duty as Park Ranger January 9, assigned full time to interpretive service.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Sunset Crater National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		0	0
Temporary			

~~January~~ Month

~~1949~~ Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

Area closed by snow

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

Total Receiving Interp. Serv. _____

Total Number Visitors to Area _____

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

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COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TONTO NATIONAL MONUMENT
Name of Area

January
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary	1		

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~or Hist. House~~	200	670	45 min avg
Other			
Total	200	670	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Hq Museum-Office	31	1285	15 min avg
(Give Name or Type) Total	31	1285	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1955
Total Receiving Interp. Serv.
1373
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Lloyd M Pierson
TITLE ~~Archaeologist~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Muddy roads due to rain slowed travel

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

January
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	229	1,476	31 mins.
Total	229	1,476	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0		

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined information and interpretation service at registry desk or in museum. All visitors save run-arounds get this service.	1	2,498	5 mins. ave.
(Give Name or Type) Total	1	2,498	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self-guiding museum and patio garden	2	2,498	30 mins. ave.
(Give Name or Type) Total	2	2,498	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1		
Other			

6,472
Total Receiving Interp. Serv.

2,537
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	none
Popular Studies	"
Source Books	"

NAME Earl Jackson

TITLE Earl Jackson
Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Visitor total includes 39 run-arounds.
Rangers took 7 days annual leave.
Weather very bad this month, with adverse effect on travel and trip time.

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INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

JANUARY
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	ONE	ONE	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	91	328	21.5 mins.
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	88	314	21.5 mins.
Orientation (Not connected with conducted trip)	40	200	5 mins.
Other (Not connected with conducted trip)			
Total	128		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

542
Total Receiving Interp. Serv.

412
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Everett W. Bright

TITLE Everett W. Bright, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WALNUT CANYON NATIONAL MONUMENT
Name of Area

JANUARY
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One (part time)	One (part time)
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at Admin. Bldg.	18	41	20 min.
Museum	7	16	15 min.
(Give Name or Type) Total	25	57	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into Canyon	3	13	60 min.
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

57
Total Receiving Interp. Serv.

62
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME John A. Aubuchon

TITLE Park Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Ruins trail blocked by snow most of the month. Museum lights off most of the time.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Report No. 9m3

White Sands National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

January
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes		O	
Ruins or Hist. House		N	
Other		E	
Total			

TALKS	NO.		
Campfire		N	
Hotel or Lodge		O	
Museum (Not connected with conducted trip)		N	
Orientation (Not connected with conducted trip)		E	
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
	31	2200	1/6
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts		N	
Talks		O	
Displays and Exhibits		N	
Replies to Inquiries		E	
Other			

2,200
Total Receiving Interp. Serv.

4,791
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	NONE
Source Books	

NAME Johnwill Faris

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Hupatki National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

January
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	2	6	45
Other			
Total	2	6	45

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Kalakihu Exhibit	4	13	5
(Give Name or Type) Total	4	13	5

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

6
Total Receiving Interp. Serv.

19
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Snow on ground most of month --last visitors December 29,1948

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

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King

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

March 9, 1949

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Guinness	3/10/49	3/14/49
El Morro	B E Wilson	3-16-49	3-17-49
Canyon de Chelly	W W Dwyer	3/20/49	3/23/49
Chaco Canyon	[illegible]	[illegible]	[illegible]
Aztec Ruins	[illegible]	3-28-49	3-30-49
Arches	[illegible]	3/30/49	4/1/49
Great Sand Dunes	[illegible]	4-8-49	4-10-49
Capulin Mountain	[illegible]	4-17-49	4-21-49
Gran Quivira	[illegible]	4-23-49	4-30-49
White Sands	[illegible]	5-2-49	5-3-49
Region Three Office--Mr. King			

(List No. 1.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

March 8, 1949.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for the Naturalists of the Southwestern National Monuments for February 1949.

Staff Activities, General

Naturalist Dale S. King was in the office until February 28, when he departed on a short trip to Aztec Ruins and other national monuments.

Archeologist Charlie R. Steen was in the field from February 7 until February 22. He visited Walnut Canyon, Casa Grande, Tumacacori, Saguaro, and Tonto.

Archeologist Gordon K. Vivian was in the office except from February 9 to 15 which was spent moving Archeologist Aid Raymond Rixey and Mobile Unit equipment from Walnut Canyon to Casa Grande.

Interpretive Administration

Some correspondence was had with Montezuma Castle regarding an improvement in the method of filling out the Monthly Statistical Report of Interpretive Contacts and also with Grand Canyon to receive comments on the desired distribution of the proposed separates of several chapters of the Colorado River Basin report.

Public Relations and Extension Services

Correspondence was had with the Superintendent of White Sands relating to the preparation of a proposed article for National Motorist magazine.

A series of photographs of Tuzigoot were sent to Natural History magazine for a forthcoming article.

Progress of Exhibit Plans and Projects

Comments by the Museum Division were received on the Walnut Canyon prospectus and preliminary exhibit plan.

King conferred with the staff at Aztec Ruins concerning a major rearrangement of exhibit, office, work, and storage space there. He approved the

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Boise Zone
Idaho Falls, Idaho

March 1, 1960.

Superintendent for the Yellowstone Division, Boise Zone.

Reference is the narrative report for the Yellowstone Division, Boise Zone, for February 1960.

Staff activities, General

Yellowstone Park S. Jay was in the office until February 22, when he departed on a joint trip to Idaho Falls and Boise National Monuments.

Superintendent Charles E. Olson was in the field from February 1 until February 26. He visited Craters, Lava Beds, Tumacacori, Saguaro, and Tucson.

Superintendent Charles E. Olson was in the office except from February 1 to 10 and was joined Superintendent Jay Sommers from Idaho Falls to Lava Beds.

Interpretive Specialist

The interpretative van has been with Tumacacori Park representing an interpretive in the making of filling out the monthly statistical report of interpretive products and also with Grand Canyon to provide movements on the Desert Exhibition of the printed pictures of several displays of the Spiritual Life Exhibit.

Public Relations and Informing Services

Correspondence was had with the Superintendent of State Park relating to the preparation of a proposed article for National Parkways magazine.

A series of photographs of Tucson was sent to Sunset Magazine relative for a forthcoming article.

Preparation of Monthly Plans and Programs

Comments by the Zones Division were received on the Boise Zone Interpretive and preliminary activity plan.

Also conferred with the staff at Lava Beds concerning a major rehabilitation of exhibits, office, work, and storage space there. Is expected the

excellent suggestions and plans the staff had made, and it is hoped the considerable revision will be effected prior to the onset of heavy summer travel. It is encouraging to have improvements made at this monument where the incomplete museum has remained in such stagnant condition for so long.

Research and Observations

A memorandum was addressed to the Director asking for a small item of bibliographical research to determine if the Whipple Survey visited Montezuma Castle, as is now stated in the master plan for that area.

Dr. Colton of the Museum of Northern Arizona obtained a satisfactory quotation for photolithoprinting regarding the archeological report on Walakihu, which will be Bulletin No. 23 of that institution. He transmitted the manuscript to author King because most of the plates must be revised in view of this changed method of printing. King accomplished several days' work on the report during week-ends.

An archeological report by Raymond Rixey was completed and received. This is on finds incidental to the recent stabilization of ruins at Walnut Canyon.

Vivian's time which was not given to the stabilization manual was used in working up data from the 1939 excavations at Chaco Canyon.

Cooperative Activities

King and Regional Archeologist Reed interviewed Professor Fred Worman of Adams State College, and Ranger Jim McIntyre on February 11 concerning the archeological survey and excavation program which Adams State plans next summer, using Bandelier National Monument as a base of operations. Information was sent Mr. Worman about ground plans of the Otowi Ruin, sherds from which are being studied by Mr. Worman and his students of the Colorado institution.

Loan Library

Accessions for the month totalled 113, consisting of 10 books, 56 periodicals, and 47 pamphlets.

Vivian borrowed from the University of New Mexico a file of photographs taken by the late George Pepper at Chaco Canyon during 1898-99 and at nearly all modern pueblos. We are attempting to locate and borrow the negatives.

Southwestern Monuments Association

The Association donated 76 Kodachrome duplicates to El Morro. King had conversations with Harvey Weston of El Paso regarding Kodachrome duplicates,

and with Mr. Pulsipher of the Inter-Mountain Tourist Supply regarding future printing of color miniature sets and post-cards. He wrote two letters in a continuing attempt to obtain financing for the Cummings volume.

The staff at Bandelier very kindly completed the manufacture of two large cases for address stencils. Each of these holds 100 drawers.

The Association received official exemption for the purpose of Federal employment taxes.

Treasurer Vedder made two deposits and one disbursement. He mailed 141 covers, including 29 letters and 13 purchase orders. This is the smallest number of purchase orders for many months.

February, besides being short, was quiet, and the treasurer took off some time, when not trying to put Bandelier National Monument in good shape as far as their Southwestern Monuments Association stock is concerned. As for the mailing list, 201 additional envelopes were sent out on February 4, bringing the total to 17,816. Rydal Press finished binding 1,060 Arizona's National Monuments, and when these were delivered, the treasurer had to spend some time rearranging the basement to make room for them. The rest of the time he spent on mail and the usual routine work.

Barbara Vedder worked 11 hours, getting out the last mailing, filing, etc.

Ruins Stabilization

Montezuma Castle plans a permanent record book showing photographs of the Castle taken at frequent intervals, possibly each year.

Some correspondence was had with Collaborator Rutherford J. Gettens in line with his request for plaster specimens from Tumacacori Mission.

Reed and King read and performed rough editing on the draft of the stabilization manual prepared by Vivian.

The principal purpose of Steen's trip was to move Mobile Unit equipment from Walnut Canyon to Casa Grande. At Roosevelt, Arizona, however, the fine Thompson Collection of Apache baskets was photographed.

Vivian completed the stabilization manual draft and set it up for final typing. He spent some time in selecting photographs for illustrations and in having these processed.

Rixey reported from Casa Grande that he had difficulty finding a good grade of caliche, but is now getting satisfactory material from a State Highway Department pit south of Randolph, Arizona.

UNITED STATES

DEPARTMENT OF THE INTERIOR

On the last day of the month, Miss Betty Knopf entered on duty to type the stabilization manual.

Technical Aid to Administrators

Steen prepared for the Regional Director a memorandum giving information relative to the preparation of a master plan for Natural Bridges.

Projects for March

King will work on routine projects, and prepare the Walakihu report for submission to the printer. He may visit several southern Arizona areas in company with Regional Archeologist Reed late in the month.

Steen will prepare a few labels for Tonto Museum, catch up routine library and stabilization maintenance, and initial work on Gran Quivira exhibits in the latter part of the month.

Vivian will continue to assemble the stabilization manual and write the report on 1939 excavations at Chaco Canyon.

(SGD) DALE S. KING

Dale S. King,
Naturalist.

APPROVED FOR DISTRIBUTION:

(SGD) JOHN M DAVIS March ____, 1949.
Regional Director

cc: Mr. Davis (2);
Mr. Dodge (2).

On the last day of the month, Miss Betty Ford returned on duty to type the abstracts on cards.

Technical aid to administrators

Have requested for the Regional Director a memorandum giving information relative to the preparation of a master plan for Federal Bridges.

Problems for work

Ring will work on routine problems, and prepare the Bulletin report for submission to the printer. He may visit several municipal offices where he requests this Regional Individualist Land Info to the month.

Owen will prepare a few labels for these towns, each of problem library and stabilization maintenance, and initial work on the Joint Utility Committee in the latter part of the month.

Hyde will continue to assemble the stabilization manual and write the report on 1929 conditions on Cheat Ranges.

(SGD) ELLA S. KING

Date x. Tue.
Structure.

Approved for submission:

(SGD) JOHN M DAVIS
Regional Director

Date _____, 1940.

cc: Mr. Davis (2)
Mr. Hodge (2).

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Arches National Monument
Moab, Utah

February 25, 1949

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National for the month of February, 1949:

GENERAL: The superintendent's wife had a vey narrow escape on February 19th while on a trip to Moab in her car. Rocks loosened by thawing weather rolled on to the highway in front of the car causing a tire to blow out. She lost control of the car, which tore out two guard rail posts and ran off the road. Luckily it was a low fill over which the car plunged and it did not turn over. She was badly shaken up but otherwise OK. Major repairs were necessary on the car.

WEATHER: For the first three weeks of the month the highest recorded temperature was 49 degrees, with an average high of 35 degrees. The lowest temperature recorded was 2 degrees below zero with an average of 10 degrees above for the three week period. During the last week the expected thaw has finally arrived with warm days, and nights just below freezing. Before it was snow that made our roads impassable but now it is mud from the melting snow. Snow fell on four occasions during the month. At this writing all the snow has dissappeared in the headquarters area but there is still approximately eight inches of snow in the monument proper.

TRAVEL: No visitors made the trip into the scenic portions of the monument during the month due to hazardous roads. All highways in the vicinity were hazardous or closed intermittently during this time, due to drifting snow. At Monticello, Utah the snow was piled eight and ten feet deep and between Monticello and Dove Creek, Colorado some of the drifts were piled as high as the telephone wires. Most of the travel in this section had to be conveyed. US 6 & 50 was closed intermittently at Soldier Summit and Price Canyon on the west and near Cisco and Harley Dome on the east.

MONUMENT ROADS: Roads throughout the area were passable most of the month but were hazardous due to packed and drifting snow. At this writing the snow is melting rapidly and the shale portions of the road are very slick and dangerous. If this warm weather continues the snow should be gone within a week and we can then proceed with our spring maintenance work. The State removed drifts with their snowplow on two occasions during the month.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Arches National Monument
Moab, Utah

February 16, 1940

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National for the month of February, 1940:

GENERAL: The superintendent's wife had a very narrow escape on February 14th while on a trip to Moab in her car. Being loosened by driving another vehicle on the highway in front of the car causing a tire to blow out. She lost control of the car, which left the front well parts and ran off the road. Luckily it was a low fill over which the car plunged and it did not turn over. She was badly shaken up but otherwise OK. Major repairs were necessary on the car.

WEATHER: For the first three weeks of the month the highest recorded temperature was 42 degrees, with an average high of 38 degrees. The lowest temperature recorded was 2 degrees below zero with an average of 10 degrees above for the three week period. During the last week the expected thaw has finally arrived with warm days, and nights just below freezing. Before it was snow that made our roads impassible but now it is mud from the melting snow. There fell no four overtures during the month. At this writing all the snow has disappeared in the lowlands area but there is still approximately eight inches of snow in the mountain proper.

TRAVEL: No visitors made the trip into the scenic portions of the monument during the month due to inaccessible roads. All lodgings in the vicinity were inactive or closed intermittently during this time, due to heavy snow. At Monticello, Utah the snow was piled eight and ten feet deep and between Monticello and Dove Creek, Colorado some of the drifts were piled as high as the telephone wires. Most of the travel in this section had to be suspended. US 6 & 50 was closed intermittently at Soldier Summit and Price Canyon on the west and near Cisco and Dalley Town on the east.

MAINTENANCE ROADS: Roads throughout the area were passable most of the month but were hazardous due to packed and drifting snow. At this writing the snow is melting rapidly and the shale portions of the road are very slick and dangerous. If this warm weather continues the snow should be gone within a week and we can then proceed with our spring maintenance work. The State removed drifts with their snowplow on two occasions during the month.

APPROACH ROAD: This road was passable but hazardous during the major part of the month due to snow. During the last week it has become one big mudhole and will be in this condition until all of the snow has melted. The State maintenance crew removed the snow on two occasions during the month.

SIGNS: Our sign project was completed during the month. New signs have been completed for various points along the roads and trails and will be installed when our roads dry out.

REHABILITATION OF BUILDINGS: Funds were made available during the month for the rehabilitation of the surplus army trailer for use as quarters for the ranger. Repairs were made to broken panels, both inside and out, the roof was repaired and at this writing the interior painting is practically complete. A propane range, refrigerator, and water heater are being ordered and we hope during the coming month to complete an addition to these quarters and install water and sewer systems.

MAINTENANCE: Our motor grader again ceased operation on January 31st, while engaged in snow removal. Broken drive chains on one side of the tandem drive caused our trouble. We were able to salvage one chain and purchased one new one. Repairs were completed on February 4th.

The Dodge Army truck quit running on February 9th, while on an inspection trip in the monument. It was towed to headquarters and found that distributer points were faulty. This shortcoming was corrected and it is in operation again.

COOPERATING GOVERNMENTAL AGENCIES: At the request of the Bureau of Land Management, Maintenanceman Winbourn worked for four days with the grader, February 12th to 15th, inc., on emergency snow removal on outlying roads for the benefit of stockmen, whose stock was isolated due to drifting snow. Most of the work was performed on the road to Deadhorse Point, between US 160 and Big Flat.

GRAZING: No horseback patrols were made during the month but inspection trips made over the road showed no evidence of trespass. A rough check was made during the month on the cattle of J. S. Westwood grazing in the area and approximately 100 head were counted. All of these had to be fed due to unusual winter conditions.

LANDS: Notification was received during the month from the Utah State Land Board that all gas and oil leases, previously granted on State lands within the boundaries of the monument, had been cancelled.

ALTOOGH ROAD: This road was passable but hazardous during the major part of the month due to snow. During the last week it has become one big mud-hole and will be in this condition until all of the snow has melted. The State maintenance crew removed the snow on two occasions during the month.

SIGNS: Our sign project was completed during the month. New signs have been completed for various points along the road and trails and will be installed when our roads dry out.

REHABILITATION OF PROPERTY: Funds were made available during the month for the rehabilitation of the surplus army trailer for use as quarters for the ranger. Repairs were made to broken panels, both inside and out, the roof was repaired and at this writing the interior painting is practically complete. A propane range, refrigerator, and water heater are being ordered and we hope during the coming month to supply an addition to these quarters and install water and sewer systems.

MAINTENANCE: Our motor grader again caused operation on January 21st, while engaged in snow removal. Broken drive chains on one side of the tandem drive caused our trouble. We were able to salvage one chain and purchased one new one. Repairs were completed on February 4th.

The Lodge Army truck was running on February 9th, while on an inspection trip in the monument. It was towed to headquarters and found that distributor points were faulty. This shortcoming was corrected and it is in operation again.

CONTRACTING DEPARTMENT ACTIVITIES: At the request of the Bureau of Land Management, Albuquerque Office, contract work for four days with the grader, January 12th to 15th, inc., on emergency snow removal on outlying roads for the benefit of ranchmen, where stock was isolated due to drifting snow. Most of the work was performed on the road to Soudouque Point, between SE 1/4 and SW 1/4.

GRAZING: No horseback patrols were made during the month but inspection trips made over the road showed no evidence of trespass. A rough check was made during the month on the sample of U. S. Bureau grazing in the area and approximately 100 head were counted. All of these had to be fed due to unusual winter conditions.

LEASES: Notification was received during the month from the New Mexico Land Board that all gas and oil leases, previously granted on State lands within the boundaries of the monument, had been cancelled.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
ARCHES NATIONAL MONUMENT
Moab, New Mexico

11 February 1957

NATURAL BRIDGES NATIONAL MONUMENT: John Wiley Redd of Blanding was a visitor at Arches National Monument on February 23rd and stated that reports are that there are eight feet of snow on the level on the Elk Mountain. It has also been reported that the Vanadium Corporation of America is intending to open the road in the near future for access to the new mill they are installing on the Colorado River, across from Hite. This may make this monument accessible at an earlier date than usual this year but it will still be some time before the road would be safe for visitor travel.

Russell L. Mahan

Russell L. Mahan
Superintendent

(in trip.)

- 3 -

NATIONAL MONUMENTS AND PARKS MONUMENTS. John Muir Road or Mountain was a visitor to Arches National Monument on February 23rd and stated that reports are that there are eight feet of snow on the level on the Alt Mountain. It has also been reported that the Vanadium Corporation of America is intending to open the road in the near future for access to the mine. Will they are installing on the Colorado River, across from Moab. This may make this monument accessible at an earlier date than usual this year but it will still be some time before the road would be safe for visitor travel.

Russell L. Dixon
Superintendent

(in trip.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 February 1949

MEMORANDUM for the Regional Director.

There follows the report of activities in Aztec Ruins for Feb 1949.

WEATHER. The last 4 days of the report period have been splendid, clear days and brot a high temperature of 61. The rest of the month we have had all kinds of weather with a foot and a half of snow, hail, sleet and winds when it dropped to a low of minus 13.

With the warm, clear days travel immediately picked up, but we are far below last years travel figures for this period.

INSPECTIONS. Feb 1, Architect Saunders inspected the construction of the new residence. The building is practically completed and ready for occupancy. A few minor paint jobs remain incomplete.

PLANS, MAPS. Designation of roads, parking areas and route numbers was prepared by the Regional Office for this area.

GENERAL PUBLICITY. An article was prepared for the Durango, Colorado Herald-Democrat for publication in their Spring rotogravure, "Playland Edition".

MAINTENANCE. The unusual amount of snow fall has kept us busy clearing off the various roofs in the ruins and on the museum building.

NEW CONSTRUCTION. The residence will have been completed and occupied by March 1.

Interpretive Services. There were 63 visitors taken in 16 trips thru the ruins and 162 visitors in 43 parties were shown the museum.

Decrease in Travel. This month, like last month, was approximately 47% below the travel for the same period last year. We had 162 visitors from 18 states and Germany arriving in 49 cars.

PROPOSED ACTIVITIES FOR MARCH. Freezing weather and snow prevented completion of the erection of our boundary fence, which we shall complete with good weather.

Irving D. Townsend,
Superintendent.

AZT

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

February 28, 1949

Memorandum for the Regional Director, Region Three

There follows a report of the activities at Bandelier National Monument for the month of February, 1949.

Weather

The weather has been generally mild during most of the month which caused most of the snow to melt and kept the roads in muddy condition most of the time. The warm sunshine brought visitors in to the area as soon as the roads were passable. Temperatures ranged from minus one on the 10th. to sixty five on the 23rd. Snow occurred on only three days and amounted to .31 inches of moisture.

An unusual storm occurred on the 25th. when there was snow, rain, lightning and thunder, and snow pellets about the size of marbles fell at intervals during the morning.

Special Activities

The Superintendent continued to spend much of his time in the office on clerical duties since the clerks position is still unfilled. The rangers have been a great deal of assistance in keeping the work current.

Severl trips were made to Los Alamos in connection with securing surplus property. A new pre-dishwashing unit was obtained for the Lodge which will eliminate the necessity of installing a third sink to conform with Department of Health regulations.

Maintenance

Maintenance man Valencia spent most of the month working on replastering and repainting the office and comfort stations. Most of the mud plaster in the offices was replaced with hard plaster that will be much more durable.

The six by six and dump trucks were repaired and placed in running order in preparation for their use on the roads this spring.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Approaches to the Monument

The approach road was generally soft and muddy during most of the month due to thawing weather. The Operator general used the grader to good effect in improving the drainage and by the end of the month the road was drying out and in fair condition.

The gravel furnished by the Atomic Energy Commission last fall that was spread on bad spots in the road was too small to be of much value and the road is very much in need of coarse gravel over much of the distance. The drainage that was made possible by the use of the large grader has prevented the road from getting as bad as it was last year, however.

Interpretive Service

Twenty six parties with one hundred and twenty visitors were conducted through the ruins during the month. With warmer weather the museum received more use and seventeen groups of visitors were given short orientation talks on it.

Cooperating Agencies

Two file cases were constructed for the Southwestern Monuments Association during the month. They were made of ply wood and will hold 100 small drawers each.

Travel

In contrast with last month when we had only 40% of the travel for a year ago this month increased to 113% over last February. There was a total of 258 visitors as compared with 121 for last year.

Although the snow did not completely melt out of the picnic area there were a number of groups that made use of it and there were two groups of overnight campers.

Forest Fire Protection

The Forest Fire Suppression Plan was revised and brought up to date. This included revision of the Step-up Plan also.

Training

In-Service training meeting for all employees were started this month and will continue during March. The meetings are held once a week at the Superintendents residence. Topics discussed this month were the Park Service Conference at Grand Canyon and fire training.

Fred M. Binnewies
Superintendent

Canyon de Chelly National Monument
Chinle Arizona

February 25, 1949

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of February, 1949.

General

Although much publicity was given the plight of the Navajo and his herds during the present hard winter, there was little suffering or loss in this particular area. Some hay and supplies were dropped around the head of Canyon del Muerto but the greater part of the relief work was carried on in the Shonto, Kayenta, Tuba City, and Navajo mountain areas. Indian Service personnel from all over the reservation were called to assist in hauling supplies and breaking roads into the snowbound districts.

Weather

The "Grandaddy" of all winters has now wrapped his frigid robes about him and stolen silently away like a thief in the night. Considering his treatment of other areas, he was not too hard on Canyon de Chelly. At no time did we have more than four inches of snow on the ground at headquarters, but there was more than two feet in the Spider rock, and upper del Muerto areas. Moisture at headquarters measured only .52 inches, but by going five miles in any direction you could have found much more than that at any time. I would estimate that the upper sections had more than three inches.

Neither our moisture nr temperatures indicate that this month was more severe than other years. We had .91 inches in 1948, a low of -13 and a high of 67 degrees. This year our low temperature was -10 degrees and our high was 59. Our problems will start when the unprecidented amount of snow in the higher elevations melts and begins to run off.

Maintenance

Snow was removed from our roads and the approach has been kept in good condition. with the coming of good weather cleanup work and repair and repainting of signs, roadwork, and repair to the dam at the mouth of the canyon has been carried on.

Administration

Administrative duties were kept current, a wage board survey was made for this area. A file history of the area was brought up to date by ranger Morris.

Report on Daily National Summary
Dallas Arizona

February 22, 1947

Submission for the Daily Bureau, Dallas Area.

The following is a report of activities as logged in Daily National Summary during the week of February, 1947.

General

Although some publicity was given the plight of the Dorsets and his lands during the present hard winter, there was little referring to loss in this particular area. Hay hay and supplies were dropped across the lands of dozens but the greater part of the relief work has carried on in the Hondo, Dorsets, Tula City, and Devil's Mountain areas. Dallas Service personnel from all over the reservation were called to assist in hauling supplies and breaking roads into the snowbound districts.

Weather

The "thaw-day" of all winters has also swept the frigid rows about his and crisis although many life a relief in the night. Benefiting his treatment of other areas, he was not too hard on Dorsets in Daily. At no time did we have more than four inches of snow on the ground at Lockwarbers, but there was more than two feet in the higher rows, and upper Dal Dorsets areas. Moisture at Lockwarbers measured only .02 inches, but by going five miles in any direction you could have found much more than that at any time. I would estimate that the upper sections had more than three inches.

Editor our weather or temperature indicate that this month was more severe than other years. In Jan .01 inches in Jan, a low of -2 and a high of 67 degrees. This year our low temperature was -12 degrees and our high was 65. The problems will start when the superintendent amount of snow in the higher elevations melts and begins to run off.

Maintenance

Our roads from our roads and the approach has been kept in good condition. With the coming of good weather clearing work and repair and regulating of signs, roadways, and repair to the dam as the work of the dorsets has been started on.

Administration

Administration duties were kept current, a map bureau survey was made for this area. A file history of the area was brought up to date by proper Dorsets.

Travel

As far as bona fide travel was concerned we drew a blank this month for the first February in years.

Visitors

Dr. Thomas B. Noble remained in the area until February 5 when he left for California. While he was here, we were able to get into the Spider rock and other areas, where he obtained some spectacular Winter pictures which, to my knowledge, are the first to have been taken. He was also able to do a great deal in his research into Navajo healing ceremonies and was able to record many of the Chants. He was able to see much of the medicine mans healing paraphenelia, but was forbidden to photograph much of it.

Soil and Moisture

Navajo Indians who have farms in the canyon are taking down their fences to keep them from being carried away by expected high water. Although we have a five foot dam at the mouth of the canyon, it has been lowered in spots by navajo travel passing over it. At present we are thinning out some of the cottonwood plantings near headquarters and tying the whole trees along the inside of the dam as a preventative or protective measure. I have hired one navajo and team to start building up the low places with a slip as soft sand does not permit us to use the dupm truck.

Nature Observation

Huge flocks of horned larks have been staying near the roads during the heavy snow. Meadow larks, Red winged blackbirds, and robins have all been observed during the month. Ranger Morris has spent some time working on nature observation files and getting it in order. We anticipate being able to get more complete records during the coming year.

Government Publications

Two fold leaflets, CDC,.....85
Map Folder No. 6.....100

Meredith M. Guillet
Superintendent

Travel

As far as home life travel was concerned we had a blank this month for the first February in years.

Visitors

Mr. Thomas R. Hills remained in the area until February 8 when he left for California. While he was here, we were able to get into the Tipter road and other areas, where he obtained some spectacular Tipter pictures which, to my knowledge, are the first to have been taken. He was also able to do a great deal in the research into Navajo healing ceremonies and was able to record many of the chants. He was able to see each of the medicine men healing prospectively, but was forbidden to photograph much of it.

Civil and Industrial

Navajo Indians who have farms in the vicinity are taking down their fences to keep them from being covered very by expected high water. Although we have a fine foot dam at the mouth of the canyon, it has been lowered in spots by heavy heavy passing over it. At present we are thinking out some of the outlawed planting near bedrock and tying the whole area along the inside of the dam as a preventative or protective measure. I have hired one Navajo and two to start building up the low places with a slip as soon as ground does not permit us to use the dragline.

Water Conservation

Huge floods of horned larvae have been staying near the road during the heavy rains. Smaller larvae, but enough plentiful, and rodents have all been observed during the month. Larger larvae has been seen the writing on water characters filed and putting it in order. We anticipate being able to get more complete records during the coming year.

Government Facilities

The full inventory, 50.....0
Day Labor Hr. 4.....100

Respectfully Yours,
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

February 25, 1949

MEMORANDUM for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico

There follows the narrative report for Capulin Mountain National Monument for the month of February, 1949:

Visitors: There were about three hundred visitors to Capulin Mountain National Monument during the month of February, making a total of six thousand, one hundred and fifty for the travel year and twenty five thousand, nine hundred and fifty for the fiscal year.

Weather: The weather has been extremely warm and dry during the month, with no snowfall recorded. The past week has been very much like our usual summer weather, with warm days and cool nights.

Flora and Fauna: Wildlife in the Monument area seems to be thriving. Trees and vegetation could use more moisture to develop into their full beauty.

Roads and Trails: The roads and trails in the area have been kept in splendid condition throughout the entire winter, as there has not been enough snow to block the road.

Information Pamphlets: No information pamphlets have been distrubuted this month. Have about seven hundred on hand at the present time.

Homer J. Farr
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

February 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for February 1949.

General: This month has satisfied both the farmer and the visitor, we have had rain and the dams are much fuller than last year which should ease the water situation for the farmers, and most of the month has been warm and sunny which pleased the tourists. With the return of the sun, the disposition of the visitors from the north has improved considerably, and the travel has increased from last month.

Weather: The first few days of this period remained cold and we had .70 inches of rain. Most of the month has been almost hot, a welcome change after the relatively severe winter. The maximum was 83 with a low maximum of 49 and a minimum of 23.

Visitors: February 1949 - 4764: February 1948 - 5800: this is a drop of 1035 people from February of last year. Travel year to date 1949 - 16,179: travel year to date 1948 - 20,420.

Interpretive Services: Of the 4765 visitors to the area, 3449 made the trip to the ruinsin 208 groups averaging 54.1 minutesper trip. 1316 people were here for a quick look but did not make the ruins trip.

NPS Visitors and Visitors of Note:
February 11, Charlie Stteen, Gordon Vivien and son, And Raymond Rixey and family arrived to start the stabilization of Compound B.

February 17, Associate Regional Director Patraw was in and spent about three hours.

February 18, Supt. Supernaugh and Maintenance man were in to pick up the front end loader and other supplies.

February 22, Odd Halseth, director of Pueblo Grande, Phoenix, was in.

February 23, Ranger and Mrs Wm. Guillet and Daughter and Mr. Guillets mother visited the ruins, Mr. Guilletis stationed at Colorado National Monument.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

February 20, 1948.

Superintendent for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for February 1948.

General: This month has straddled both the farmer and the visitor, we have had rain and the farms are much fuller than last year which should ease the water situation for the farmers, and most of the month has been warm and sunny which pleased the tourists. With the return of the sun, the discomforts of the winter-time in Arizona have lessened considerably, and the travel has increased from last month.

Weather: The first five days of this period resembled mid-and we had .73 inches of rain. Most of the month has been almost like a welcome change after the relatively severe winter. The maximum was 80 with a low maximum of 49 and a minimum of 32.

Visitors: February 1948 - 4164; February 1947 - 8800: This is a drop of 3636 people from February of last year. Total year to date 1948 - 12,175: travel year to date 1947 - 16,600.

Interpretive Services: At the site visitors to the area, 3487 made the trip to the ruins and 2000 people attended the 4.1 interpretive talk. 1419 people were here for a visit just but did not make the ruins trip.

The Visitors and Visitors at Ruins:
February 11, Charlie Adams, Indian Trader and son, and Raymond Starr and family stopped to share the hospitality of Chapayeck 3.

February 12, Associate Regional Director Spiess was in and spent about three hours.

February 16, Judge, Superintendent and Inductees was here in to visit at the Ruins and Museum and cross mountains.

February 20, The Alamogordo, Director of Radio Station, Phoenix, was in.

February 21, Superintendent and Mrs. Wallace and Daughter and Dr. Hallett motored to the ruins, Dr. Hallett returned at Coolidge National Monument.

Administration and Protection: The Adamsville site was checked with Charlie Steen. Eleven requests for information were answered. Office work has been kept current.

Maintenance: The Front end loader was mounted on the tractor belonging to Navajo National Monument. The whole area was given a general cleanup. The maintenance man worked with the stabilization crew for several days. Some patch work was done on quarters 5-5 preparatory to painting.

Nature Notes: The Palmer Thrashers are back again in the Chollas in front of the Museum and are starting their nest building activities. The smaller lizards and a few insects are beginning to stir now that the weather has warmed up. There have been a few Gambel Sparrows but not in the numbers of previous years.

There follows the Stabilization Report of Archeologist Aid Rixey.

A. T. Bicknell,
Superintendent.

Interpretation and Evaluation: The Hampshire site was checked with Charlie Hines. Eleven records for interviews were obtained. Office work has been just started.

Maintenance: The Flood and Inner was mowed on the Preston Palmquist to Davis National Monument. The whole area was given a general cleaning. The maintenance men worked with the rehabilitation crew for several days. Some work was done on quarters 5-8 preparatory to painting.

Future Items: The Palmer Chronicle are back again in the Indian in front of the Museum and are showing their most thrilling activity. The earlier Ilwaco was a two inserts are beginning to air how the matter has worked up. There have been a few Dental Questions but not in the numbers of previous years.

There follow the rehabilitation figures of Independent Air Force.

R. V. Hitchcock,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

February 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report of the Mobile Stabilization Unit for February 1949:

The five man crew hired on the morning of February 16, 1949 started removing the old concrete capping from the walls of Compound B. Mos t of the capping was used to fill the abandoned well in the plaza of the living quarters, which was somewhat of a hazard.

A couple of days were spent with Archeologist Steen hunting for suitable caliche deposits. The old caliche pit south of the utility area, here on the monument, was finally decided upon. However, this caliche proved unsatisfactory and we are now getting it just south of Randolph.

A well preserved floor level was noticed in one room in the south-east corner of Compound B. Earth fill was removed, and the floor swept revealing some post impressions. A small shaft sunk in the north-east corner of the room revealed four consecutive floor levels.

Next week should see us well on our way to pouring caliche on the prepared walls.

Raymond Rixey,
Archeologist Aide.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

February 22, 1949.

Superintendent
Casa Grande National Monument
Coolidge, Arizona.

Dear Sir:

Under date of January 14, 1949, the Regional Director, Region Three, forwarded a copy of your monthly report for January, 1949, with the following comments:

"Your report for January 1949 is very good. The photographs are very good and show the work to be done. The photographs of the ruins are very good and show the work done. The photographs of the ruins are very good and show the work done. The photographs of the ruins are very good and show the work

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

February 24, 1949

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of February, 1949.

There were no visitors to Chaco Canyon this past month. There was too much cold weather, too much snow and the roads were not good!!!!

The coldest this month was 13 degrees below zero Fahrenheit. There were six nights with sub-zero weather. The warmest was 61 degrees on the 22nd and 23rd of February. There was a total precipitation of .53 of an inch. The Chaco Arroyo has been running several feet deep for several days.

The approach roads are in poor shape, but there is not much can be done about them until they dry somewhat. The Monument roads have been dragged and are in good shape.

The Padilla fence and posts were taken to the Padilla place of abode. Finis on that chapter, it is hoped.

A good deal of time has been spent on the Monument fence. As many as 22 separate breaks have been repaired in one day.

The pump house has been repaired, and the walls plastered with cement. Also, an entire new door, door facing and lock arrangement have been built to conform with the State Sanitary regulations.

The rancher who allegedly beat the Indian last month had a preliminary hearing which this superintendent was requested to attend. After the hearing, the rancher was bound over to Federal Court.

Projects for the ensuing month:- continue repairing fence, blade the roads when the tractor tubes arrive and start the Soil and Moisture tree planting project.

Irving McNeil, Jr.
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Lake Chelan NATIONAL MONUMENT

Stehekin, Wash. 98816

January 24, 1977

Librarian for the National Library, Region Three,
National Park Service,

There follows the report of activities in Lake Chelan National Monument for the month of January, 1977.

There was no visitation in Lake Chelan this past month. Every was the most wintry weather; the roads were not plowed nor quality!!!

The winter visitation was as expected--none whatsoever. There were six signs with 10-year durability. The maximum was 22 degrees on one day and the low of twenty. There was minimal snowfall (twice up 20 inches). The Lake never froze. The Park Service should find this for overwintering.

The approach roads are in just image, and there is not much to be done since the until they dry somewhat. The maximum snow here (Stehekin) was six inches deep.

The Stehekin Inn and grounds were taken by the Stehekin Lumber Co. Plans on this delight, it is known.

A good deal of this has been used on the community center. We may at the Stehekin Inn with lumber splits in the day.

The good lumber has been stacked, and the main grounded with sawdust. Also, on which the Lake, Boat Dealer and the Stehekin Inn were built to another with the Lake Dist. of Stehekin.

The weather was a lengthy boat the Indian Dam mentioned a preliminary meeting of the superintendent and personnel to attend. After the meeting, the review the final view of Pioneer Park.

Attached for the monthly public-visitation reporting form, kinds the month the Park Ranger takes during and visit the visit and interview form (visitor).

Irving Smith, Jr.
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chiricahua National Monument
Dos Cabezos, Arizona.

February 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for February.

Weather. Fourteen inches of snow fell during the first two weeks of this report period followed by 1.67 inches of rain. Total precipitation for the month was 3.29 inches. Temperatures ranged from a low of 18 degrees on the 15th to a maximum high of 70 degrees reached on the 23rd. The general weather and moisture received, while not conducive to visitor travel, has greatly aided monument vegetation. Bonita and Rhyolite canyon streams continue to flow and with a normal amount of precipitation during March we should have running water for several more months.

General Publicity. Several pictures of Chiricahua's rocks appeared in the booklet, "Tucson's 1949 Rodeo". News releases concerning travel statistics, road conditions etc. were published in Tucson, Douglas and Lordsburg newspapers.

Inspections and Visitors. Messrs. Patrew and Kell were in for a brief visit on the 10th. Mr. Zeel Borem of Los Angeles and Mr. Louis E. Jurwitz of Phoenix, U.S. Weather Bureau representatives, inspected the weather station on January 27th. Rangers Glen Been of Organ Pipe Cactus and Sam Orem, Tonto, visited on the 22nd.

General. Superintendent Cooke was on annual leave from February 21 to 27 visiting in New Mexico.

Five skunks, who had taken up housekeeping underneath the Superintendents residence, were live trapped and removed. The maximum amount of inconvenience was had by all concerned.

Water System. Both water reservoir tanks went dry during the early part of the month - reason unknown. Tanks were checked, pipe line and plumbing fixtures examined, inflow of water measured, but no discrepancies were found. The tanks were cleaned and within a week had refilled to their maximum capacity. A continous check on the tanks since finds them both full with considerable overflow. ???

Maintenance. The road to Massai Point was closed to travel for approximately ten days during the heavy snow and rain period. Fallen boulders were dynamited to movable size and removed and the worst of the drainage ditches cleaned.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chickamauga National Memorial
Fort Oglethorpe, Georgia.

February 22, 1940.

MEMORANDUM for the Regional Director, Region Three.

There follows a review of activities at Chickamauga National Memorial for February.

Weather. Precipitation during month of more than fifteen days of this report period followed by 1.87 inches of rain. Total precipitation for the month was 6.25 inches. Temperatures ranged from a low of 15 degrees on the 13th to a maximum high of 70 degrees recorded on the 22nd. The prevailing winds were mainly westerly, with an occasional to light northerly, but generally variable. Skies were cloudy to partly cloudy with a period of precipitation during entire month, so that here rainfall water for natural more months.

General Visitation. General visitation at Chickamauga's rates expected in the months, "Museum's 1940 Outlook". Some visitors overnighting typical attitude, most conditions are, also pleasant in nature, therefore and lunchroom-overnight.

Improvements and Repairs. Weeds, grass and dell were in for a total visits on the list. Mr. Dwyl Dorn of Los Angeles and Mr. Louis E. Jarvis of Peoria, Ill. Indian Burial Exploration, Inspected the Antique exhibits on January 27th. Dwyers Time Dwyn of Dorn Tipe Dallas and Dwyn, Texas, visited on the 22nd.

Owners. Superintendent Cooke was on annual leave from February 21 to 27 visiting in the Dallas.

Fire Atrack, one had taken up Bunsenpeigh underpeaks the Superintendent Jarvis problems, were life lurged and towered. The Medicine Annual of Superintendent was had by all concerned.

Water Pating. Both sets Aqueduct trips was dry during the early part of the month - Dwyer Dorn. These were Sandy, like the and plumbing Fixture examined, Lakin of Mrs. Lawrence, but no discrepancies were found. The tubs were cleaned and which a well and refilled to their maximum capacity. A problem check on the tubs also from tubs bath fall with substantial profits. ???

Maintenance. The road to Dwyer Lake was planed to travel for appropriately two days during the heavy snow and rain period. Prices backhoe was Dynamite to metals also and removed and the water of the Dwyers Street Lake.

One hundred boundary signs were made and painted and ten new approach road signs were placed toward Willcox and Douglas. Rest room plumbing repairs were made, both 3 KVA light plants were overhauled, and the campground was thoroughly cleaned.

Interpretive Service. One lantern slide talk was given at the Gadsden Hotel in Douglas to 75 persons and one conducted trip to Massai Point and vicinity was made. 545 persons were given interpretive service at the museum.

Travel. Adverse weather and poor approach roads cut travel down below normal again this month. 685 persons visited as compared to 1233 of a year ago.

Ray B. Ringenbach

Ray B. Ringenbach,
Park Ranger.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

February 26, 19 49

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of February , 1949.

WEATHER: A total of 19 inches of snow fell during the report period and the precipitation amounted to .94 inches. Maximum temperature reached 54 degrees and the minimum dropped to 14 degrees below zero. A week of very warm weather brought a definite touch of spring, but knowing March weather at El Morro we have not discarded the longies yet.

TRAVEL: Although travel for the month was almost nil we did show an increase over the same period last year, by one visitor. Only two cars(both Jeeps) arrived bringing a total of five visitors, well equipped with skiis and snow shoes. Both parties were Govt. employees, Forest Service and CAA.

APPROACH ROADS: During the week of warm weather all snow on the level melted, filling the middle-of-the-road lakes with water and drawing all the frost out of the ground. Our only mail delivery in a week was made via horseback.

MAINTENANCE: The interior walls of dining & livingroom, Supt's. Residence, were given two coats of Wall Tone. Four window panes were replaced. An unsucessful attempt was made to secure the services of an expert floor finisher. I think he was afraid he would have to spend the winter. During the physical inventory, which as usual was late, tools and toolroom were put in order. An attempt was made to squeeze the new pickup in the garage but the storage of supplies and material made this impossible.

GENERAL: The biggest project of the month was in the office getting out the inventory and rehabilitating the files. It wouldnt surprise me to find a memo from Onate in them. One trip to Albuquerque and Los Lunas was made to obtain up-todate data on lands adjacent to El Morro and interview a prospect for Seasonal Ranger. The new Dodge pickup was taken to Gallup for it's second servicing and checkup. An appointment to give a talk to the Grants C of C was cancelled because of impassable roads.

Bates E. Wilson, Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT .....

El Morro

.....

Zuni, New Mexico

..... 19 ..

February 23, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of February, 1949.

GENERAL: A total of 19 inches of snow fell during the report period and the precipitation amounted to .96 inches. Maximum temperatures reached degrees and the minimum dropped to 14 degrees below zero. A week of very warm weather brought a definite touch of spring, but heavy cold weather at El Morro we have not discovered the longest yet.

TRAFFIC: Although travel for the month was almost all on 118 when we increased over the same period last year, at the visitor. Only two automobile travel arrived bringing a total of five visitors, well supplied with skis and snow shoes. Both parties were from, engineers, Forest Service and GLO.

MAINTENANCE WORK: During the week of snow weather all work on the level walks, filling the middle-of-the-road ruts with water and keeping all the front out of the ground. The only well failure in a week was made via horseback.

BUILDINGS: The interior walls of Ninna a Livingroom, Ranger's Residence, were given two coats of fall Tuna. Four window panes were replaced. In ac- cessorial attempt was made to secure the services of an expert floor finisher. I hate to see afraid we would have to wait the summer. During the physical inventory, which we began late, today and letters were put in order. An attempt was made to organize the key plates in the garage but the storage of supplies and material made this impossible.

GENERAL: The biggest project of the month was in the office getting out the inventory and rehabilitating the files. It seemed worthwhile to find a home from Zuni in them. The help in Albuquerque [illegible] was made to obtain up-to-date data on labor expended in El Morro for inclusion a project for Museum Ranger. The two Zuni [illegible] to install the it's record servicing and charge. In appointment [illegible] this to the Grade C of C was accomplished because of [illegible] work.

Helen E. Tilton, Superintendent

Gran Quivira National Monument
Gran Quivira, New Mexico

Feb. 25, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of February 1949.

General. Severe winter storms continued to score near misses on Gran Quivira, and to date this has been a very open winter. The perennial optimism of the farmers is beginning to assert itself. A general change over from beans to sunflowers appears to be developing, spurred by a high demand for sunflower oil by paint manufacturers and the oleomargarine industry.

Weather. Threatening but not materializing most of the time. Total moisture amounted to .85 inches. Low for the period was -6° on Jan. 30. A high of 65° was recorded on Feb. 22.

Maintenance. The tool shed converted from the White Sands contact station was given a coat of paint. Considerable time was devoted to repacking and repairing the soft water and hard water pumps. Continued cold with no snow cover froze the hard water system on Feb. 3 for the first time since it was installed. After several ineffectual attempts to thaw it out with the weed burner the job was left up to nature and finally accomplished on Feb. 17.

Asphalt tile for the museum floor was ordered and should be received this week. As soon as it is laid the museum will be ready to move into.

Approaches to the Monument. Fair throughout the period. The State maintainer has been much more active this winter and has kept the Mountainair approach in as good condition as possible for the winter months.

Interpretive Service. 12 parties totaling 38 visitors were guided through the ruins. Average trip time 51 minutes.

Increase in Travel. Travel for February was about double that for the same period last year, due to better road conditions.

[illegible]

[illegible]

[illegible]

Feb. 26, 1944

[illegible] for the National Director, Boysen Dam.

The following is a report of activities at Dam waters for the month of February 1944.

[illegible]: Lower winter [illegible] continued to [illegible] activity, and to date this has been a very open winter. The general opinion of the fishers is beginning to resent travel. A general change over from hooks to auxiliaries appears to be developing, proved by a high demand for auxiliaries at the [illegible] manufacturers and [illegible] dealers in Dallas.

[illegible]: Temperatures for the month fluctuated most of the time. Total precipitation amounted to .88 inches. The [illegible] for the period was -6° on Jan. 30. A high of 65° was recorded on Feb. 22.

[illegible]: The [illegible] recovered from the [illegible] Dam contact [illegible] was given a [illegible] test. Unsatisfactory results were obtained [illegible] the left valve and [illegible] water pump. Contained cold air blew over from the hard water [illegible] on Feb. 3 for the first time since it was installed. After several [illegible] attempts to blow it out with the weed trimmer the [illegible] was left to [illegible] and finally accomplished on Feb. 17.

Largely this for the summer fishery has [illegible] and should be received this week. As soon as it is [illegible] the summer will be ready to move [illegible].

[illegible] on the [illegible]: Fair throughout the period. The [illegible] maintained and [illegible] were [illegible] this winter and [illegible] the [illegible] winter [illegible] is in good condition to provide for the [illegible] needs.

[illegible]: [illegible] totaling 36 [illegible] were [illegible] through the [illegible]. [illegible] [illegible] 72 [illegible].

[illegible] in Trout: [illegible] for [illegible] was about [illegible] for the same period last year, due to better [illegible] conditions.

	CARS	VISITORS
February 1949	33	72
February 1948	15	38
Increase	18	34
Percent Increase	120%	89.4%
This Travel Year	222	597
Last Travel Year	144	408
Increase	78	189
Percent Increase	54.1%	46.3%

Wildlife. On Feb. 3 a Western Horned Owl was discovered roosting on the woodpile. A rather formidable looking fellow he was approached with some caution. However he proved to be as gentle as a kitten and posed for a number of pictures. He allowed us to pick him up and carry him around without offering any objection. Apparently healthy, he went about his business as soon as it got dark.

Our one roadrunner died either from old age or cold weather or both.

Personnel. The appointment of Lois Kite to the Janitor position, CPC-3, NAE, was made effective Jan. 1, 1949. Mr. Kite was formerly employed as caretaker during the war and as Laborer (intermittent) since that time.

William L. Bowen,
Superintendent.

February 1943	12	43
February 1942	13	39
Increase	13	34
Percent Increase	[illegible]	85.6%
Idle Level Car	223	207
Left Travel Car	144	209
Increase	79	1[illegible]2
Percent Increase	54.1%	62.3%

FIDELITY. In 1941, a Western Pacific Rail was illustrated revealing on the woodfile. A Pacific Formatville Trading Valley is was equipped with some station. However be proved to be as purile as a kitten and posed for a number of pictures. He allowed us to pick his up and carry his around without offering any objection. Apparently healthy, he went about his business as soon as it got loose.

Car use Commerce Dist either fire air tax or paid weather or hot.

Personnel. The superintendent of Isle Fire is the Senior position. [illegible], was made effective Jan. 1, 1946. Mr. Kile was formerly employed as yardmaster during the war and is known throughout that time.

Willis L. Moore,
Superintendent.

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

February 26, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for February, 1949.

WEATHER. The San Luis Valley has experienced a mild and balmy winter, in comparison with other parts of the West and Southwest. We trust that nobody in Region Three suffered any undue hardships or great inconvience during this winter of the great snow and cold.

The minimum of 10 below zero was registered on January 29. The maximum of 52 degrees was reached on February 23. The high minimum was 29 on February 12. The low maximum was 8 on January 28.

Snow fell on January 27 and 28; February 8,12,13,24 and 25. Quite a thunderstorm accompanied the snow of February 25. Winds blew on January 28; February 2,3,4,5,7,11,12,13 and 14. A cold northeast wind blew on January 28 for twenty-four hours and accounted for our lowest minimum temperature.

Winter was mild in comparison to last year when there were 20 nights with readings below zero; this year there were only 9 nights below zero.

During this report period there were 15 clear days; 10 partly cloudy and 6 cloudy days.

The Sangre de Cristo Range is still heavily covered with snow, while the San Luis Valley is extremely dry. There will be plenty of irrigation water this year and also high threat of a serious flood of the Rio Grande River. The Medano is now running, but has not reached the monument's northern boundary.

TRAVEL. Two hundred ninety-five visitors in one hundred twenty-six cars visited the Sand Dunes during this report period. Six states were represented. Eight days show no visitation to the area. Two written requests were answered.

INCREASE IN TRAVEL. For February, 1948 there were 14 cars and 35 visitors.

CONTACT. Contact with visitors was done on four Sundays; 42 cars were contacted, with a total of 137 visitors. Contact time amounted to seven hours.

[illegible]

[illegible]

[illegible] for the national treasure.

Darlin Chase.

There follows the report of activities in Yard Dove Darlin Sanctuary for February, 1969.

[illegible]. The Dove Darlin Valley has experienced a cold and damp winter. It resembles more those parts of the Dove and Sanctuary. We found not weekly in Higher Dove Sanctuary for Darlin Sanctuaries or Darlin Sanctuaries during this winter of the green Dove and Dove.

The sighting of 32 Darlin were now monitored on January 27. The maximum of 32 Darlin was recorded on February 13. The high Darlin was 27 on February 16. The low sighting was 1 on February 24.

Dove Hill in January 27 and 27 February 7,10,11,12 and 13. Darlin a Thunderbird accompanied the Dove of February 13. Birds Dove in January 27; Darlin 6,7,8,9,11,12,13 and 14. A well marked Dove Darlin in January 27 for twenty-four hours was recovered for our Darlin sighting frequency.

Darlin was still in frequency to last year when Dove Darlin were 30 sights with Darlin value every this year there were only 9 sights below zero.

During this report period there were 12 clear days; 12 partly cloudy and 4 cloudy days.

The Darlin Dove Darlin Darlin is still heavily covered with snow, while the Dove Darlin Valley is extremely icy. There will be plenty of Darlin water this year and also high Darlin of a normal flood of the Dove Darlin River. The weather is very cold, but has not reached the record's Darlin Dove.

Visits. Two Darlin Dove visitors in one Darlin Dove-Darlin were visited the Dove Dove during this report period. Dove Darlin were represented. Eight Dove Darlin of visitors in the area. Two Darlin visited with Darlin.

Darlin of visits. The February, 1969 Dove Dove Darlin 31 were not 32 visitors.

Summary. Darlin with visitors was down to Dove Darlin; 32 Darlin were observed, with a total of 127 visitors. Darlin Dove Darlin is Dove Darlin.

ROADS. The State approach road was graded on January 28, and is now in a very rough condition. The monument road from entrance to picnic areas and Sand Dunes is also rough and corrugated.

WILDLIFE. Wood-haulers reported two mountain lions taking a stroll on the northeast side of the sand dunes.

One bobcat seen at the back of the Superintendent's residence, and deer can be seen at Morris Gulch, as well as coyotes around headquarters and south approach road.

GRADER. One warm day allowed for the proper greasing of this piece of equipment. The oil was changed to 10 weight. Had to solder a small leak in radiator to stop leakage of prestone. Tried out the grader by pushing snow off the road to Mosca Creek and had a piece of welding break, which rendered the blade useless, so this was immediately repaired. After repairs, the road from headquarters to Mosca Spring was graded and some of the corrugations removed.

LIGHT PLANTS. The No. 1 plant was repaired at Heide Garage and is now operating satisfactorily. The No. 2 plant broke down and is now at the garage being repaired

PROPANE STOVE. After working and tinkering for a month with the kitchen range trying to obtain a decent flame upon which something could be properly cooked, contacted the Geo. Roper Corp., and asked for further instructions. They replied that instead of a propane stove, a natural gas stove had been shipped. Too bad that contractors and bidders can't read. The Roper Co., kindly sent the proper orifices without charge, and after installing them, the stove preforms very well and there has been a noticeable saving in propane gas consumption.

ACTIVITIES. Usual routine duties of hauling water, gasoline and propane gas; checking light plant and keeping office work current on Sundays when visitors were contacted.

Considerable time was spent in snow removal around headquarters, in order that cars might get in and out of the garage. Transfered a set of 7.50 x 16 tire chains to Region Three. Obtained chains for the Dodge pickup and were put to use.

List of used equipment was sent to bidders and the Valley Auto Wrecking Co., was the high bidder on the grader, lawn mower, two stoves and light plant. These have been removed from the monument and more storage space is now available

The Heide Motor Co., at Mosca was awarded the contract for automotive repairs.

A trip was made to the upper Medano with Mr. H.W. Shockey, and the saw-mill run by H. Parkhurst on the Ziegler property was looked over. A great amount of big timber is being cut and hauled from both the Williams and Ziegler property.

Helped visitor stop gasoline tank leak which was quite serious, so that he could make it back to Mosca to have it repaired.

Received and reviewed the Naturalist Monthly Report, Region Three, October, 1948. Preliminary Museum Exhibit Plan, Walnut Canyon National Monument. The Monthly Narrative Reports, Region Four, June, 1948; Region Three, July, 1948 and Region Three, August, 1948. Report on "The National Park Service" by Director Drury.

Next month - SPRING - we hope - and the thawing of the water line!

Ted C. Bowers,
Superintendent

Montezuma Castle NationalMonument
Camp Verde, Arizona

February 24, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of February, 1949.

Visitors this month to Castle and Well - 432; travel year to date - 5667.

General This month brought the most snow and cold and the least visitors in several years. There were four days with no visitors which is unusual for this monument. Considerable time was spent shoveling snow from the roofs of quarters and from the trails. We had difficulty with mud in front of the garage where there was a graveled surface which we thought was dependable. A great many trees and bushes were broken by the wet snow and wildlife suffered. The water line into Residence No. 1 froze twice and was dug out for thawing. Although a fire was kept day and night in the office, a water heater in this building froze. Resultant leaks in the connecting pipes and in the tank were repaired.

Weather At least a foot of snow fell beginning January 24 but the greatest depth recorded was five and one-half inches. On January 30 the temperature dropped to 3 degrees above zero, the coldest recorded at this monument.

Administration Considerable time was spent revising our P C P records.

Fence line pictures and other pictures needed to complete our records were printed by Leding.

All instructions for the disposal of old records were carefully studied and we find most of them do not apply.

Hastings was the only employee on duty February 22.

Three trips were made to Montezuma Well. On February 20 the ditch was overflowing in several places and some of the water was turned into the creek. The level of water in the creek appears to be higher than usual with more water in the outlet ditch. A device was planned for getting an approximate check on any fluctuations in water level.

Autobiographical cards for each employee and a chronology card for 1948 were added to the Fact File.

Maintenance and Improvements Storage cabinets were constructed on the back porch of Residence No. 1. These were painted and new screen was added to the back door.

The shower stall at Residence No. 2 was repainted.

Acid was flushed through the water heater at the office. This must be used to heat water for laundrying since there are no laundrying facilities in the residences.

All woodwork and window frames in the living room and hall and some on the back porch of Residence No. 1 was repainted.

Five loads of gravel were hauled and spread on the area in front of the garage.

Protection All fence on the north side of Beaver Creek and the new section across from the Castle was patrolled. Numerous limbs broken by snow and one large walnut tree were removed. Record pictures of vegetative recovery along the new fence across from the Castle were taken. These are made annually.

Visitors There were 98 visitors in 27 cars to Montezuma Well and 334 visitors in 94 cars to Montezuma Castle. Tickets sold, 80; tax only, none; children who climbed free, 5.

Contacts There were 28 trips through the Castle for 85 visitors; 223 visitors saw the museum in 44 groups; 56 visitors received information outside the ruins or museum. Total contact hours 42.50. Hastings, 19.35; Leding, 20.75; Schroeder, 2.50.

Interpretation Limbs and trees broken by snow and blocking the nature trail in three places were removed.

Work progressed on photograph filing.

It was found possible to follow a somewhat hazardous trail from the Lower Ruins to ruins around a bend in the cliff a short distance down the creek. This had been considered impossible but on February 7 the route was pointed out by Wilson Beecher, an Indian who said that as a child he and others had used this trail.

The following is Archaeologist Schroeder's report from Montezuma Well.

Administration Daily duty was maintained except for lieu days and as follows: Feb. 5 relieved at the Castle; Feb. 15, to Cottonwood and the Castle for supplies; and 2 hours annual leave.

Snow in the early part of the month made our roads impassable unless chains were used. For three days the mail did not get through and we could not get out. A power failure for 8 hours during this stretch caused

[illegible] and turn-around. Figures relative were constructed on the back porch of Saltsman Ho. 1. Three more pilotted out and arrived was added to the back door.

The dinner which ab Irwinhouse Ho. 2 was repaired.

Jill was flicked through the water heater at the office. This was to need to have enough the lamplight place there are no lamplight installation in the rest house.

All workmen and clerks Tuesday in the living room, all bait and some on the back porch of Saltsman Ho. 2 was repaired.

Pine Lamb or jewell were loaded and spread on the area in front of the garage.

Production: Jill Tuma on the earth also or tanner Jewel and the new weather varies from the daily rate yesterday. Tomorrow Jiche Lyndon by mow and the large walnut have mow removed. Lumpy plaster of exploitive remedy along the area Tuma Barnes that the earth were taken. Jewel are man [illegible]

Visitors: Three more 22 visitors in 27 mow to Tuskegee Fall and 22 visitors in 14 mow to Tuskegee Garden. Eighty said, 22 man-only, among attention was alerted view, 5.

Tomorrow: Tuma mow 22 lotion through the Garden from 22 visitors, 22 visitors mow the remedy 12-14 yesterday. 22 visitors involved interesting medicine the price or mowing. Total workers force 22,00. Saturday, 17,00; Jackie, 22,75; Tuskegee, 8,00.

Interpretation: Alice and Tuma Jackson by mow and blanketing the colors which in where plants were examined.

Work processed on photographic films.

It was found possible to follow a wonderful hummingbird small from the lower Jiche to Alice around a tree in the alley a short distance from the church. This is not demonstrated hummingbird behavior I the cycle was pointed out by Tuskegee Garden, so Jackson now said that a visit to not others but that this small.

The Tuskegee is Jackson-Alice Garden-nursery report from Tuskegee trail.

Introduction: Daily duty was mainly mowing among the lawn area and in Alice's [illegible] I talked at the Jackson Tuk. 22, to Jackson and the Jackson for supplies, and I have around lawns.

Tuma in the early part of the month made our small lawnmower mower mower work. The first day the small 22 not yet finally and in small not yet was. A power failure for 8 hours during this morning around

little inconvenience. Local ranchers had some losses with their cattle pasturing on Mogollon Rim and were aided with hay lift operations.

The majority of the month was spent working in the museum. Storage cabinets and shelving were installed under the exhibit panels, 3 doors remaining to complete the project. Pottery which had been stored in the cabins, was placed in the completed cabinets and their location was noted on the catalog cards.

A portion of the ceiling in the living room in the quarters which had warped up opening a gap of ½ to ⅛" during the wet weather, was nailed down and repaired, and a stove pipe shield was installed on the residence heater.

The county grader came in and graded the area in front of the museum and the entrance road which had been churned up considerably during wet weather.

Records Sketches on duplicate catalogue cards were completed and typing will continue as time allows. The accession book was brought up to date with the addition of accession 2 and 3, and the museum catalogue book has been completed except for a portion of accession 1.

A reference to Montezuma Well called to our attention by Miss Katherine Bartlett of the Museum of Northern Arizona was added to our file (Lumis, Charles, "Montezuma's Well" in Land of Sunshine, 1897.)

The following birds were observed for the first time in the area - Olive-backed Thrush, Horned Lark, Red-backed Junco, Long-crested Jay, White Fronted Goose, and Wilson's Snipe.

Donation Mr. and Mrs. Frank Commisky of Cottonwood, Arizona donated six Walnut Black-on-white pottery vessels which were uncovered in leveling operations on Dr. Creighton's ranch on Oak Creek. They were associated with a burial of a woman about 40 years of age. One vessel was an effigy pitcher which is rather rare in this area. Lime encrustation was removed, the vessels were repaired, and the accession was catalogued and stored.

Buildings The contract to remove various outbuildings was awarded to Mr. Blevins of Camp Verde. To date the barn and chicken coop have been completely dismantled and partially hauled off.

Research Paul Spangle brought down the plants collected over the past year in the survey of the area. All are mounted, labeled and in genus folders. Included also is his field note book. He expects to send down the final report shortly.

Two archaeological sites have been added to our records. One is a sherd area and a roasting pit in the flat and the other a cave site. Both appear to belong to the pre 1100 period with some 1100 to 1300 A.D. occupation being evident in the cave.

Homer F. Hastings,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

P. O. Box 38, Ajo, Arizona

February 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of February, 1949.

Weather

The subnormal cold weather of January which continued through the first week of February has abated somewhat and plant life has started anew. Only 0.06 inch of precipitation fell on February 13 but some moisture remains in the ground from the January rains. The low for the month was 25 on February 1 and the maximum was 82 on February 22.

Special Activities

Joe Wagoner, Range Supervisor, United States Indian Service, and Tommy Segundo, President of the Papago Tribal Council, visited the area to confer on mutual land problems.

Private Lands

The monument boundary line through the Miller property was surveyed to confirm the location of the buildings just outside the monument line.

The Bureau of Animal Industry is clearing a landing strip on the Lake property for the use of their light patrol plane.

A postal inspector made a survey of mail service to the border. The results of his inspection are not yet known.

Research

Collaborator Max Hensley of the University of Illinois will arrive about the first of March to resume his ecological study.

Permits

The signed well permit was received from the permittee and for-

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

P. O. Box 38, Ajo, Arizona

February 23, 1949.

Superintendent
Regional Director, Region Three.

Here follows a report of activities for Organ Pipe Cactus National Monument for the month of February, 1949.

Weather

The unusual mild weather of January which continued through the first week of February has abated somewhat and plant life has started anew. Only 0.28 inch of precipitation fell on February 22 but even moisture remains in the ground from the "wooly rain". The low for the month was 32 on February 1 and the maximum was 82 on February 22.

Visitor Activities

Mr. Warner, Hope Carriker, United States Indian Service, and Tony Reyes, President of the Papago Tribal Council, visited the area to confer on annual land problems.

Private Lands

The summer boundary line through the Miller property was surveyed to confirm the location of the building just outside the monument line.

The Bureau of Land Management is clearing a landing strip on the Cabe property for the use of their light patrol plane.

A public inspector made a survey of well activity in Quitobaquito. The results of his inspection are not yet known.

Research

Guildwarter Ben Shelby of the University of Illinois will arrive about the first of March to resume the ecological study.

Service

The signed well permit was received from the permittee and for-

Equipment

The front end loader for the Case tractor was hauled from Casa Grande National Monument. This will enable us to do a much better job of road maintenance.

Increase in Travel

Travel increased from 8369 in February, 1948, to 10621 this year in spite of the cold weather and general decrease in tourist travel throughout Arizona. The increase in camping on the monument from 230 visitor days to 627 visitor days was even more remarkable. Such an increase emphasizes our need of a developed area for camping use.

General

A measles epidemic is sweeping the Ajo schools. Both Guinn children have had the measles to date--the rest of us are waiting.

William R. Supernaugh,
Superintendent.

Conclusion

The French and English can hold their Interior and Sealed Zone Zones inside Germany indefinitely. This will enable us to do a great deal for our and mankind.

Interest in Trend

Trend increased from 8.0% in February, 1945, to 20.0% this year in spite of the well weather and general interest in Soviet Zones throughout Europe. The interest is reaching on the Continent from 200 visitor days in 1947 whether days than were done yesterday. Such an increase anything was read of a foreign area for-general use.

Summary

A creative problem is reaching the Air attitude. Both Zones visitors know how the Soviets is extremely rare of us any reading.

William G. Stoppenbrink.
Superintendent.

Saguaro National Monument
Tucson, Arizona

February 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for February, 1949.

General.

The early part of February was generally cold with intermittant snow showers, from about the middle of the month on, progressively warmer weather prevailed, reaching a maximum of 78 degrees on February 22.

Travel to southern Arizona has taken a decided up swing and appears to be back to normal for this season of the year. Accommodations in Tucson are more difficult to secure as compared to last month. This general increase in travel is reflected in our travel figures also, with a substantial increase over last month and corresponding month of 1948.

Special Activities.

Messrs. Patraw and Kell accompanied by the superintendent, attended a meeting in the State Land Office on February 15 to discuss the Saguaro land problem with State, University, and Forest Service officials. Dr. Stanley, representing the University of Arizona, set forth the requirements of the University amounting to at least one township, suitable for the practice of animal husbandry experiments. Additional meetings will be held on a regional level between Park Service and Forest Service officers, to further determine the possibility of a land exchange.

Status of Private Lands.

During a recent conversation with Mrs. Madeline P. Trego, owner of the E½ of the NW¼ Section 8, in the northwest corner of the monument, Mrs. Trego indicated that she intended to live there indefinitely and was not offering the property for sale.

Maintenance.

The Loop road through the Cactus Forest was completely graded with the new Galion Motor Grader. It is in good condition at this writing and should improve with each grading, especially when the road becomes " grader wise ". A considerable amount of raking was necessary to remove the loose rocks after the grading was accomplished. The road into Madrona Ranger Station was also graded, a much needed improvement, as some of

Tucson National Museum
Tucson, Arizona

February 23, 1920.

Secretary for the National Director,
Dallas Texas.

There follows the monthly narrative report of activities at Tucson National Museum for February, 1920.

General.

The early part of February was generally mild with intermittent rain showers, from which the middle of the month on, progressively warmer weather prevailed, resulting a maximum of 78 degrees on February 29.

Travel to museum grounds has taken a decided up swing and expects to be back to normal for this season of the year. Unfortunately in Tucson are more difficult to access as compared to last month. This general increase in travel is reflected in our travel figures also, with a substantial increase over last month and corresponding month of 1919.

Special activities.

Weaver, Pottery and Call accompanied by the superintendent, attended a meeting in the Pima Land Office on February 13 to discuss the Papago land problem with Pima, Tohatchi, and Tucson Service officials. Mr. Stanley, representing the Tohatchi of Arizona, set forth the requirements of the Tohatchi concerning to a land use standpoint, plaints for the purchase of animal husbandry experiments. Additional meetings will be held on a regional level between Park Service and Forest Service officers, to further determine the practicality of a land exchange.

Claims of private land.

During a recent conversation with Mr. Dobbins F. Tracy, owner of the 40 of the NW Section 8, in the Northwest corner of the monument, Mr. Tracy indicated that the intended to live there indefinitely and was not offering the property for sale.

Maintenance.

The long road through the Petrified Forest was completely graded with the new Dallas Motor Grader. It is in good condition at this writing and should improve with each grading, especially when the road becomes " greater wide ". A considerable amount of rolling was necessary to remove the loose rocks after the grading was completed. The road into Saint Helena Station was also graded, a much needed improvement, on account of

Maintenance.(Continued)

the gullies were almost impassable.

Mr. Ed Knagge, Pima County Maintenanceman, rendered valuable assistance, instructing Messrs. Barney and Stansberry in the proper use of the grader, prior to its actual use on the road.

Some difficulty was experienced with the grader, resulting from faulty parts. However, Mr. R. F. Price, factory representative, made an inspection of the unit and agreed tp replace the various parts without cost to the government.

All warning signs on the loop road were repainted and new posts installed where needed.

Construction.

Construction work on the blacksmith shop at Madrona Ranger Station is progressing as time permits.

The parking area at headquarters was enlarged to a capacity of twenty five cars, a much needed improvement in order to accommodate peak crowds on week ends.

Cooperating Government Agencies.

Mr. C. Bryan of the Forest Pathology Division, Bureau of Plant Industry, made an inspection of Saguaro plants to determine possible damage by frost. Mr. Bryan stated that it was too early to make an accurate determination. It has been noted that a considerable number of plants have acquired a discoloration (brown) during the last thirty days.

Cooperating Non-Government Agencies.

Mr. Albert Yochelson, Assistant State Land Commissioner, visited here on February 11 to inspect State lands in Saguaro National, relative to our land problem.

Accessions.

A glass display case was received from Aztec National Monument for use in augmenting our limited facilities for display purposes.

A new pump and engine were purchased for use at Madrona Ranger Station, as the old ones were beyond repair.

Bulkheads. (Continued)

the ceiling were almost impossible.

Mr. M Hodge, the county inspector, reviewed various problems, including heavy, lateral and longitudinal in the proper use of the grader, prior to its actual use on the road.

Some difficulty was experienced with the grader, resulting from faulty parts. However, Mr. E. C. Price, factory representative, made an inspection of the unit and agreed to replace the various parts without cost to the government.

All working plans on the loop road were completed and new pavement installed where needed.

Construction.

Construction work on the Lightpipe duct at Cheyenne Depot Station is progressing as time permits.

The parking area at headquarters was enlarged to a capacity of twenty five cars, a much needed improvement in order to accommodate peak crowds on week ends.

Inspection (Personnel Complaint).

Mr. G. Lyons of the Forest Patrolman Division, Bureau of Plant Industry, made an inspection of Cheyenne plants to determine possible damage by frost. Mr. Lyons stated that it was too early to make an accurate determination. It has been noted that a considerable number of plants have sprouted a discolouration (brown) during the last thirty days.

Inspection (Non-Personnel Complaint).

Mr. Albert Tomlinson, Indians from the Cheyenne, visited here on January 11 to inquire with Lands in regards Patented, relative to his land problem.

Inventory.

A plant display team was received from Bureau National Museum for use in demonstration for Lifted Publicity for display purposes.

A new jeep and trailer were purchased for use at Cheyenne Depot station, as the old one was beyond repair.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Interpretive Service.

A total of 1000 people in 551 parties were given interpretive service at headquarters, for an average of 17 minutes per party.

Ranger Frost gave a lecture illustrated with Kodachrome slides on plants and animals of Saguaro National Monument, on January 26 at the Wrights Town Grammar School. There were 62 youngsters in attendance and reports indicate that he was well received.

Increase or Decrease in Travel.

Travel shows an increase of 1873 persons over last month, and an increase of 400 persons over the corresponding month of 1948. A total of 3000 persons in 1136 cars visited Saguaro during the month. Total visitors for the travel year, 10,159.

Observations.

Visitors have repeatedly reported seeing javelinas along the upper part of the loop road, the groups varied from two to twenty in number.

Birds are numerous at headquarters, including, cactus wren, desert sparrow, Palmer Thrasher, House Finch, Gila Woodpecker, and one Ladder--backed Woodpecker was observed.

The Arizona round-tailed squirrel and the Harris ground squirrel, both made their reappearance on February 20.

Coyotes have been observed in the cactus area almost daily.

Visitors.

Mr. Albert Yochelson, Assistant State Land Commissioner, Feb. 11.

Messrs. Patraw and Kell, February 18, 1949.

Rangers Sam Orem and Glen Bean, february 21.

Charlie Steen, February 17.

Samuel A. King
Superintendent

Interpretive Service.

A total of ____ people in ____ parties were given interpretive service at headquarters, for an average of ____ minutes per party.

Under Park guns a lecture illustrated with Talkaverse slides on plants and animals of Kenyon National Monument, on January 28 at the Intata Tank Campground School. There were 22 employees in attendance and reports indicate that it was well received.

Increase of Interest in Travel.

Travel shows an increase of ____ persons over last month, and an increase of ____ persons over the corresponding month of 1948. A total of ____ persons in ____ cars were visited tourists during the month. Total visits for the travel year, ____.

Concessions.

Visitors have repeatedly reported seeing jackrabbits along the lower part of the Long Road, the proper route from Ten to Dancer in Sandoe.

Both gas stations at headquarters, Intatong, Sutton area, Ghost Canyon, Tolmer Campground, Dance Flat, Ella Campground, and the Indian-Guided Employee was observed.

The Intown Wood-Valley Wolfed and the Dorris Power Service, both made their employees on Saturday 20.

Copies have been observed in the Indian area almost daily.

Visitors.

Mr. Albert Yerkinson, assistant area land commissioner, Tri. 11.

Messrs. Tolmer and Hall, February 18, 1949.

Delegate Jim Jack and Glen Hess, February 22.

Dorris Moses, February 19.

Samuel A. King
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

February 26, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities affecting Sunset Crater National Monument during the month of February 1949:

Weather: The weather has kept the Monument closed during the entire month with snow blocking both entrances. Observations from Hiway 89 reveal that it is melting on the exposed slopes of the crater. If no more snow occurs within the next few weeks, the roads will be opened.

Accessions: Some excellent black and white photographs of the Mexican volcano, Paracutin, were received from Tad Nichols of Tucson, Arizona. Since so many of the Sunset visitors have either been to or heard of Paracutin, these shots will be interesting comparative material for interpretive use.

David J. Jones
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tonto National Monument
Roosevelt, Arizona

February 25, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of February, 1949.

Weather. The celebrated winter rains stopped the night of Feb. 13, and it has been bright and warm here since then. Roosevelt Lake is still rising, but needs the big melt-water runoff to fill it.

Approaches to Monument. In good condition at present.

Interpretation. Museum open all month. Three NPS movie reels were shown to Roosevelt School and community, with commentary by Archaeologist Pierson on the Pima Indian potter reel, and by Supt. Sharp on the Carlsbad Caverns reel. All of Monument staff attended all the movies, as they were shown at night.

Travel. 2625 visitors in 687 cars rolled in. Most of that was in the last two weeks, as continued rains cut down travel first half of the month. The parking area was often inadequate even on week days, as indeed it has been since the war. These overstuffed, super-wide new cars require a third more room. We still have a Model T parking area.

Ranger Service. It will be possible to keep Seasonal Ranger Sam Orem on duty through March, for which we are thankful. This winter for the first time since the war, we have been able to give adequate service to the visitors and protection to the Monument.

Visitors. Mr. Walter E. Hastings of the Michigan Department of Conservation, expert photographer.

Archaeologist Steen was in for a pleasant two days, to discuss interpretation of the area, inspect the ruins, and to photograph the fine Apache basket collection at Frezier's store.

Roads & Trails. Road & trail Laborer Constable was terminated as of February 16. He has done a lot of excellent work here on the entrance road and ruins trail, has re-graveled the parking area and some of the road, built new set of steps from museum up to parking space, and has helped get the Monument in better shape.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Propane System. Installed this month, accepted, and CRO & invoices sent in. Still to be installed is copper tubing in each house. System is working well, and propane is considerably cheaper in bulk.

General. This winter all the existing signs were re-worked, and a lot of new ones made. Good visitor control and information are effected by the gate and signs at start of Ruins trail. Ranger Orem's skill with the branding irons paid off on sign manufacture.

The 1-cylinder light plant was torn down, rings installed, rod tightened.

Water samples were sent to the State Health Department, and tests showed no contamination.

We hope we have secured a good series of pictures showing the overcrowded parking area. Will send these in when developed.

Charles G. Sharp
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tumacacori National Monument
Tumacacori, Arizona

February 26, 1949.

MEMORANDUM for the Regional Director,
Region Three.

WEATHER CONDITIONS: Precipitation for the month was 1.27 inches, which appears to be about normal. Snow fell heavily the morning of January 25, and again lightly on February 14, but stayed on the ground only a very short time. Temperature ranged from a low of 19 on January 31 to a high of 81 on February 22. Weather was rugged the early part of the month, with a lot of beautiful and warm weather the last two weeks. This late February warmth is forcing budding on many plants, which will be set back undoubtedly by late freezes.

INCREASE OR DECREASE IN TRAVEL: February visitors numbered 3,720, which number has been exceeded only once for this period, by the 4,303 total for February, 1948. Visitors arrived in 1077 cars. Our biggest day so far this year was February 22, when there were 258 visitors, and 129 guide tickets sold. Weather alone cannot be considered responsible for the consistent travel drop of this year.

INTERPRETIVE SERVICE: 1,977 persons went on 247 guided trips through the mission church and grounds, receiving an average of 34.4 minutes per trip. 3,628 persons saw the museum and patio garden, and 3,639 persons received combined information and interpretation service.

VISITORS: January 30 - Frank Barry, Jr., County Attorney, Santa Cruz County.

February 13 - Ansel Hall, formerly with the National Park Service.

February 21 - Hurlstone Fairchild, widely known artist, also fraternity brother of M. R. Tillotson.

PUBLICITY: A newspaper clipping from the Chicago Tribune was sent us, and gave really a very accurate description of Tumacacori National Monument.

On January 30 Dale Nichols, well known artist, and his art class, which studies at nearby Tubac, were on the grounds while Western Ways photographers were taking numerous photos of them with the mission in the background. This was for newspaper publicity.

INSPECTIONS: February 16 - Archaeologist Charlie Steen, examining stabilization needs.

February 18 - Associate Regional Director Patraw and Park Planner Kell, both on their first visit to this area.

MUSEUM AND EDUCATION: Press of travel made time for very little research this month. Stakes for plant labels were made, by using 3/4" dowel pins,

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tumacacori National Monument
Tumacacori, Arizona

February 26, 1949.

MEMORANDUM for the Regional Director,
Region Three.

WEATHER CONDITIONS: Precipitation for the month was 1.77 inches, which appears to be about normal. Snow fell heavily the morning of January 25, and again lightly on February 14, but stayed on the ground only a very short time. Temperature ranged from a low of 19 on January 31 to a high of 81 on February 22. Weather was ranged the early part of the month, with a lot of beautiful and warm weather the last two weeks. This late February warmth is forcing budding on many plants, which will be set back undoubtedly by late freezes.

INCREASE OR DECREASE IN TRAFFIC: February visitors numbered 3,720, which number has been exceeded only once for this period, by the 4,800 total for February, 1948. Visitors arrived in 1077 cars. Our biggest day so far this year was February 22, when there were 238 visitors, and 122 guide tickets sold. Weather alone cannot be considered responsible for the constant travel drop of this year.

INFORMATIVE SERVICE: 1,977 persons went on 247 guided trips through the mission church and grounds, receiving an average of 34.4 minutes per trip. 3,882 persons saw the museum and patio garden, and 3,889 persons received combined information and interpretation service.

VISITORS: January 30 - Frank Barry, Jr., County Attorney, Santa Cruz County.

February 12 - Ansel Hall, formerly with the National Park Service.

February 21 - Burlstone Pulvhild, widely known artist, also fraternity brother of H. E. Tilleson.

PUBLICITY: A newspaper clipping from the Chicago Tribune was sent in, and gave really a very accurate description of Tumacacori National Monument.

On January 30 Dale Nichols, well known artist, and his art class, which studies at Desert Tubac, were on the grounds while Eastern Kaye photographers were taking numerous photos of them with the mission in the background. This was for newspaper publicity.

NEW ACTIVITIES: February 18 - Archaeologist Charlie Steen, examining stabilization needs.

February 19 - Associate Regional Director Kruse and Park Planner Hall, both on their first visit to this area.

MISCELLANEOUS: Press of travel made time for very little research this month. Stakes for plant labels were made, by using 2\4" dowel pins.

soaked in Wood Health, sharpened at one end, sawed to half thickness at the other. To these were tacked 3x5" strips cut from tin cans, curved over forward at top and bottom, into which can be slid 3x5" plant labels.

MAINTENANCE: More manure was hauled and spread, and a fairly sizable stock pile set up. A number of Desert Bromes were dug up from along state highway right-of-way and planted on our grounds. One Chinaberry tree was planted SW of Superintendent's residence. More cleanup was done on cactus plants which died down badly during the January cold. Our south entrance gate was repaired. Heating stoves were cleaned. Refrigerator repairs had to be accomplished on the motor of the refrigerator in Residence No. 1.

NATURE: On February 7, after a considerable period of inactivity, bats again held a conference in the sacristy of the church. Since then they have been out several times again. Our experience here has been definite proof that some bats must hibernate here during cold weather, coming out on exceptionally warm nights at any time of winter.

Even wild mustard, one of our hardiest winter annuals, were killed by excessive cold this winter.

First blossoms noted on the monument this year were the Jasmines, which opened on February 23.

GENERAL: While there is not a wide variety of things to report this month, we have not been asleep. Our heaviest travel month of the year always gives us little opportunity to do anything else besides the all-important visitor contact and guide work. General tone of visitor interest has been good. Fortunately, only a fairly small percentage of visitors is like the following couple, man and wife, which arrived the other day:

Wife (on arrival at registry desk, 10 minutes after time for a trip):Can we just walk around and see things?
Ranger: I can take you on one of our guided trips now, if you'd like. It's a little after trip time, so the trip will be a little shorter than some.
Wife: Oh, we haven't much time.
Husband: We'd like the short trip.
Ranger: All right. It takes about 30 minutes.
Wife (to husband): Oh dear! Can we waste that much time?
Husband: (expansively) Why, of course! Let's do it!

Earl Jackson,
Superintendent.

cooked in food dealth, stripped at one end, sewed to half thickness at the other. By these more tooled 5x5" strips cut from its core, curved over forward or top and bottom, into which can be slid 5x8" plant labels.

[illegible]: Are mowing was begun and curved, and a fairly sizable stack piled out up. A number of Desert Dunes were dug up from along state highway right-of-way and planted on our grounds. One Chinkapin tree was planted [illegible] at Superintendent's residence. Area cleared was done on cactus plants which died down badly during the January cold. Our work entrance gate was repaired. Meeting rooms were cleaned. Nightwatch vacuum had to be accomplished on the motor of the refrigerator in residence No. 1.

[illegible]: On February 7, after a considerable period of inactivity, Pete again held a conference in the security of the dunes. Since then they have been out several times again. Our experience here has been definite proof that some bats must hibernate here during cold weather, coming out on exceptionally warm nights as any time of winter.

Even with mittens, one of our hardiest winter campers, were killed by excessive cold this winter.

First blossoms noted in the monument this year were the Jasmine, which opened on February 28.

[illegible]: While there is not a wide variety of things to report this month, we have not been idlers. Our heaviest travel month of the year always gives us little opportunity to do anything else besides the administrative work, contacts and guide work. General tone of visitor interest has been good. Fortunately, only a fairly small percentage of visitors is like the following couple, man and wife, which arrived the other day:

Wife (on arrival at radiator dam, 10 minutes after time for trip): Can we just walk around and see things?

Ranger: I can take you on one of our guided trips now, if you'd like. It's a little after trip time, so the trip will be a little shorter than usual.

Wife: Oh, we haven't much time.

Husband: We'd like the short trip.

Ranger: All right. It takes about 30 minutes.

Wife (to husband): Oh dear! Can we make that much time?

Husband (exasperatedly): Why, of course! Let's do it!

Just Jackson,
Superintendent.

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA.

February 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for February, 1949.

Weather: After experiencing the most severe winter in recorded history the latter part of February finally leveled off into the ideal high sixties. Needless-to-say this is a welcome change. However, elevations at 6000 feet and up are still deeply covered with snow and the run-off, for irrigation purposes, is the heaviest in years.

Travel Data: The last few warm days are beginning to show its effect. A few people are now starting to move around again, not many, but some. Visitors to the monument this month totaled 300 as compared with 1147 for February of 1948. The picture may change shortly though - we are receiving an unusual large number of letters from potential visitors requesting information on Tuzigoot and the surrounding area.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 752. 245 people in 78 parties were shown through and given an orientation lecture in the museum, and 227 people in 72 parties were conducted through the ruins. The average time spent by each party in the museum was 22 minutes. The ruins required 21 minutes per party. All visitors were contacted regardless of the hour of their arrival.

Personnel Time: Museum: 28 hours, 25 minutes. Ruins: 26 hours, 05 minutes. Total contact time for Bright: 27 hours, 55 minutes. For Richert: 26 hours, 35 minutes.

Maintenance and Administration: The continued lull in travel has permitted us to complete many needed jobs before the summer rush begins. Of course, several days were spent during the first part of the month shoveling tons of snow from the roofs of all buildings, opening up a path to the ruins and trying to make the entrance road passable. Archeologist Richert spent some time repairing and strengthing large ollas and pottery bowls on open display in the museum. These articles receive rough treatment by small children and require constant periodic attention. Additional redecorating in the living quarters museum interior has been done, and minor repairs to walls of the ruins has been made.

Everett W. Bright
Superintendent.

YOSEMITE NATIONAL PARK
CALIFORNIA, 95389.

February 28, 1949.

MEMORANDUM for the Regional Director, Region Three.

Subject: is the monthly narrative report for Yosemite National Monument for February, 1949.

Weather: After experiencing the most severe winter in recorded history the latter part of February finally leveled off into the ideal kind of weather. Wednesday-to-Day this is a welcome change. However, elevations at 6000 feet and up are still deeply covered with snow and the "cut-off", for logistical purposes, is the heaviest in years.

Travel Data: The last few days are beginning to show its effect. A few people are now starting to move around again, and many,too many. Visitors to the monument this month totaled 500 as compared with 1147 for February of 1948. The figures may change shortly though - we are receiving an unusual large number of letters from potential visitors requesting information on Yosemite and the surrounding area.

Public and Concessioner Service: Police and protection operate totaled 782. 325 people in 77 parties were shown tours and given an orientation lecture in the museum, and 117 people in 27 parties were conducted through the ruins. The average time spent by each party in the museum was 21 minutes. The ruins required 23 minutes per party. All visitors were contacted regardless of the hour of their arrival.

Personnel Time: Lawson: 27 hours, 23 minutes. Tolan: 27 hours, 10 minutes. Total overtime time for Lawson: 27 hours, 43 minutes. For Tolan: 27 hours, 33 minutes.

Maintenance and Rehabilitation: The continued fall in travel has permitted us to complete many needed jobs before the summer rush begins. Of course, several days were spent during the first part of the month shoveling tons of snow from the roofs of all buildings, opening up a path to the ruins and trying to make the entrance road passable. Archeological clearing again came time requiring and excavating large piles and pottery sherds to open display in the museum. These articles receive rough treatment by small children and require constant periodic attention. Additional redecorating in the living quarters museum interior has been done, and minor repairs to walls of the ruins has been made.

Superintendent.

Walnut Canyon National Monument
Flagstaff, Arizona

February 28, 1949

MEMORANDUM for the Regional Director, Region Three

There follows the monthly narrative report from Walnut Canyon National Monument for February 1949.

Weather. There has been no snowfall since the 13th and only 16 of the former 104 inches of snow remains. The once snow blocked roads are now equally hazardous due to the mud and slush caused by the last two weeks warm, sunny days. On the 7th of this month all four main roads leading into Flagstaff were blocked with drifted snow. This condition prevailed for about five hours.

Special Activities. Archeologists Steen and Vivian arrived at Walnut Canyon on the 9th to assist moving Archeologist Aide Rixey to Casa Grande National Monument. They left this area the afternoon of the 10th.

Interpretation. There was one party of three visitors to the Monument during the time covered by this report. The ranger received information on the pitfalls of life in exchange for information relating to the pitfalls of traveling off main roads without chains when there is roughly 3 feet of snow on the ground. (This while digging them out.)

Activities. New thermostat installed in hot water heater with very good results, part of two consecutive days was spent thawing frozen water pipes at the Administration Building, a trip to Wupatki was made to deliver the Walnut short wave radio to Superintendent Jones who will take all our radios to Grand Canyon for conversion to the new frequency, one more door closer was installed in the Administration Building, remaining time was spent on routine office work and shoveling snow.

Wildlife. On Feruary 11 a "Weasel" sent by the State Game and Fish Commission, traversed the Monument and surrounding area scattering oats for the wild turkey.

NPS Visitors. Naturalist Don Watson of Mesa Verde National Park, Naturalist Robert Upton and wife of Petrified Forest, Superintendent Hastings and wife, Ranger and Mrs. Leding of Montezuma Castle and Jamie Jones, accompanied by Superintendent and Mrs. David Jones of Wupatki.

John A. Aubuchon, Park Ranger

Walnut Canyon National Monument
Flagstaff, Arizona

February 28, 1948

Memorandum for the Regional Director, Region Three

There follows the monthly narrative report from Walnut Canyon National Monument for February 1948.

Weather. There has been no snowfall since the 12th [illegible] for about five hours.

Special activities. [illegible] Walnut Canyon National Monument. [illegible]

Interpretation. There was one party of [illegible]

Protection. [illegible]

Wildlife. [illegible]

NPS Visitors. Naturalist [illegible] of Grand Canyon National Park, [illegible]

[illegible], Park Ranger

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
White Sands

Box 231, Alamogordo, New Mexico.

February 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

FEBRUARY TRAVEL, 1949		1949 TRAVEL YEAR TO DATE	
Visitors - 5,438	Cars - 1,534	Visitors - 29,492	Cars - 7,939

February started out slow and it looked as though we might record a new low but a late spurt brought us ahead of last year and almost to an all-time record February. Our count for the month was 5,438 visitors in 1,534 cars.

On several occasions the highway over the mountains has been snow blocked for a few hours only but these blockades sure show up on our daily travel. On one occasion the White Sands had a total of 7¼" of snow in one fall. Quite a depth for us, but it was all gone in just a few hours.

One official trip was made to Albuquerque to confer with government agencies and the War Department regarding the desire of the Army to secure a large tract of land in this section for rocket purposes. I was accompanied at the conference by Mr. McColm of the Regional Office. A couple of trips were also made to El Paso for material and equipment needs.

Unusual weather conditions have made our road work a little heavy and the work shows little result. Freezing at night is causing upheavals in the road bed which creates a rough bed in spite of work done on it.

The Concession shows gains and losses along with our travel figures and are about equal to similar periods over past years.

Ranger Schaffner has taken the opportunity of transplanting several of our most common plants to the patio where we can show them to the visitors requesting information on our plant life.

Plans are already being made for Play Day with the addition, this year, of the Relay Races. Plans are also being formulated by the Chamber of Commerce for the Fourth of July. It is hoped, by them, to make this even bigger than last year. If it is much bigger I don't know what we will do to handle all the people.

We hope to be able to keep our roads clear of sand this year in advance of the heavy winds. I will let you know later of our success along this line.

Conditions seem to be tightening up among many lines and the visitors, in several instances, speak of taking some leave while they still have a little money left.

Next month we hope to prepare for Play Day which will be on April 9 this year. We have also agreed to fix up an area for the races. This will consist merely of dragging one of our larger flats to rid it of depressions which might hinder the contestants.

Bandelier has come to our aid twice the past month and supplied us with permits. If we don't get ours pretty soon we will sure hit Bandelier hard because when our travel really increases it will make quite a dent in their permit supply. However, we will attempt to hold on as best we can until ours arrive.

Johnwill Faris,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

February 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of February 1949:

Weather: Snow lay on the ground until the middle of the month. Freezing temperatures during the day prevailed until the 15th. Maximum temperature 59°, minimum 2°. Snow 2.8". Precipitation 0.19". Most of the moisture from the snows this winter penetrated the ground, as high winds were not too frequent. Difficulty from drifting was encountered on our roads and hiway 89 was completely blocked on several occasions.

The Weather Bureau has announced the selection of Wupatki to provide them with the new weekly weather report starting in March. Since they are attempting to get stations every 1500 sq. miles, the honor is highly dubious-- they could not get anyone else out here. Besides, it just means more paper work.

Roads: Except during the period of winds, our roads were kept open. Two days were required for snow removal in drifted sections. The break in the weather brought considerable mud, which is drying now. The approach from Sunset Crater is closed. The new surfacing job on Hiway 89 suffered a good deal of damage from the winter and will probably require a new top coat again this summer.

Travel: Visitors are just reappearing; our first one since December 29 came in on February 20. Total visitors: 11 with nine registering at Wupatki Ruin and 2 at the Citadel. All received guide service. The local merchants have all been complaining about lack of business. It is only at times like this that they fully appreciate the trade they get from the tourists. According to one report from the Standard Oil Company, they look forward to a slow tourist year.

Status of Private Lands: The appraisal of Heiser's Spring by E. C. Groesbeck of Kaibab National Forest is well under way. The cooperation of the Forest Service in this respect is greatly appreciated, as they are not idle this winter, by any means. The previously selected appraiser could not do the job, because of pressing personal business.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wright NATIONAL MONUMENT

Blackrock, Iglooo

February 12, 19.42.

MEMORANDUM for the Regional Director, Wylie Dunn.

Here follows a report of activities at Wright National Monument for the month of February 1942:

Weather: Snow lay on the ground until the middle of the month. Freezing temperatures during the day prevailed until the 14th. Maximum temperature 48°, minimum 2°. Mean 3.67°. Precipitation 3.17". Most of the moisture from the snows this winter penetrated the ground, as high water was in the Cheyenne. Difficulty from drifting was encountered on our roads and Ranger Ed was completely blocked in several occasions.

The Station Bureau has announced the relocation of Bunnies to provide room with the new weekly weather report starting in March. Since they are attempting to get stations every 1500 sq. miles, the Bureau is highly delighted--they could not get anyone else out here. Petition, if just means more paper work.

Radio Issues during the period of study, our radio was kept open. The Rangers were required for more frequent in virtual weathers. The issues in the weather bureau unsatisfactorily and, which is crying now. The expressed from Mount Dutch is closed. The new artifacts can be found in matters a good deal of damage that the winter and will probably require a new to meet again this summer.

Transit Visitors are just beginning our first one since December 23 when in on February 20. Total claimed: 11 with some registering at Wright Site and 2 at the Stated. All received visit services. The Jun-3 servicemen have all been complaining about lack of business. It is only at times like this that they fully appreciate the trade they get from the tourists. Something to see report from the Standard Oil Company. They just finished up a nine hundred year.

Efforts of Frieze Ranger the superiors at Delaney's Spring by E. S. Greenhood Wright National Forest is well under way. The supervision of Delaney's Service in this report is greatly appreciated, as they are not fully this winter, or any month. The previously selected supervisor would not do the job. Because of pressing personal business.

Special Activities: One trip was made by Jones to take the radios to the Grand Canyon for a frequency change. Ranger Owen Reynolds worked up a convenient diary form which we are using

Grazing: The grazing pattern has been unusual this winter. The CO Bar Company turned in about 200 head December 20. With the arrival of snow early in January the cattle drifted north, practically abandoning the southern part of CO Bar range. The Cedar Spring pipeline has been frozen and no water was available at Deep Well Tank until February 15. Since then there have been approximately 150 head on the Monument.

Trespass cattle bothered us most of the month in Wupatki Basin; fifty head of Joe Kellams cattle. He stated that he was making every effort to round them up, but is notorious for turning his stock onto other ranges than his own. Rumor has it that he recently received two loads of alfalfa hay from Storm Relief. Anyway he has taken most of them back to his range, perhaps to feed them. The trespass cattle are using range that is already being fully utilized by Navajo sheep.

Protection: Considerable difficulty was experienced during the heavy snows with the woodcutters, primarily Navajos. They came into the area because there was less snow and our roads were open. None were caught in the act, but several were warned. This type of patrol was not necessary as soon as the roads elsewhere had thawed somewhat. We see that even Grand Canyon had this difficulty.

Activities of Outside Agencies: The oil drilling just North of the Spider Web Ranch was abandoned this month and the rig moved to Snowflake, Arizona. The strata of expected oil yielded only traces of natural gas. Former Park Naturalist McKee had predicted that if oil was found, it would be only a small amount.

Accessions: To date three plastic mounted scorpions have been received from Dr. H. L. Stahnke: Vejovis wupatkiensis, Hadrurus spadix and a specimen of the deadly Centrurides sculpturatus for comparison.

Observations and Research: Snows drove the antelope down from the higher elevations with interesting results. They were very common along the West side of Hiway 89, were frequently observed in bands up to 14 along our roads, and have been reported from Cameron and the Painted Desert. The Navajos enjoyed a change in mutton diet. Some feeding was attempted by the Arizona State Game Commission, but it is understood that this was not too successful. The antelope preferred natural vegetation and would not eat when corraled or sectioned off.

[illegible]

[illegible]

[illegible]

The latest copy of Plateau contains a preliminary report of the Black Hawk Valley archeological excavation conducted on the Monument by the Museum of Northern Arizona last summer. It is understood that the final report is nearing completion.

Mr. Robert C. Euler, who worked as a temporary ranger here last summer, has finished his report on an economic report of the Navajos of Wupatki Basin, and will soon send us a copy.

The Museum of Northern Arizona has planned extensive work this year in the Flagstaff area: on early pottery or pre-pottery sites of the Verde and what might be "pure" Cohonina sites near Red Butte. They also have plans for work near Prescott and Petrified Forest.

NPS Visitors: The Aubuchons from Walnut Canyon paid us a visit this month to bring the short wave set. Apparently Regional Forest Carlson did not have on his web feet the day he passed by.

Personnel: We now have a ranger who is a qualified fire chief. Owen Reynolds received notice that he had passed the fire chief course conducted by the Arizona State Fireman's Association. He took this exam prior to entering the Service and in conjunction with his fire fighting supply business.

Jones received a request from the Coconino Forest to assist them in organizing and conducting a fire training course for potential emergency fire fighters among the Navajo and Hopi.

Joe Bean was on sick leave for two days this month after severe weather exposure.

Spring Flow: Wupatki Spring increased again this month bringing the flow to 909 gpd. Heiser remained the same as last month: 2468 gpd.

Road Maintenance: In spite of mud and frozen ground hampering the work in places three miles of road were shaped and drained, 34 cu yds of material hauled, two days spent on draining a low section near the Citadel. The new patrol is doing fine and holding up well to date. On heavy work it has required about 1½ gallons per operation hour.

General Maintenance: With condiderable effort on the part of all of us and lot of time the leak in the hot water line was repaired by Owen, after Jones gave up. Two hot water heaters were installed, the one at Wupatki has a faulty thermocouple which is to be replaced. The leaks in the roof of the Wupatki residence became progressively worse with the freezing and thawing action this month. New ones appeared over the garages.

David J. Jones
David J. Jones
Superintendent

[illegible]

[illegible]

[illegible]

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

February
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME **Russell L. Mahan**

TITLE **Superintendent**

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
No travel to area due to hazardous roads.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins National Monument
Name of Area

February
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Hist. House~~	16	63	1/2
Other	43	162	1/2
Total	59	225	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

225
Total Receiving Interp. Serv.

162
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	4
Popular Studies	
Source Books	

NAME Irving B. Townsend
TITLE Supt

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENT ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Canyon de Chelly National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	~~one~~	~~one~~	
Temporary			

~~February~~
Month

~~1940~~
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	~~2~~	~~2~~	~~4 hr~~

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME ~~Meredith M. Guillet~~

TITLE ~~Superintendent~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Although there were no new visitors, the Two receiving interpretive service were counted in January travel and remained in the area during part of this period.~~

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Capulin Mountain Nat'l. Monument
Name of Area

February
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~One~~	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five of the			
principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

100
Total Receiving Interp. Serv.

300
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME ~~Homer J. Farr~~

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

February
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	208	3449	54.1 Min.
Other	207	3449	22.2 Min.
Total	415	6898	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Museum		1316	
(Give Name or Type) Total		1316	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

6898
Total Receiving Interp. Serv.

4765
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	Out of print
Popular Studies	
Source Books	

NAME A.T. Bicknell

TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) Superintendent	
Temporary			

February
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	0	0	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Irving McNeil, Jr.
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach roads in poor shape.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

February
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

CONDUCTED TRIPS.	NO.	ATTENDANCE	DURATION
Auto Caravans	1	2	1 hr.
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	1	2	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	30	549	1/4 hr.
(Give Name or Type) Total	30	549	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Pt. Orientation Station(Estimated)	20	365	1/4 hr.
(Give Name or Type) Total	20	365	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	75	1 hr.
Displays and Exhibits			
Replies to Inquiries	4	letters	
Other			

914
Total Receiving Interp. Serv.

685
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ray B. Ringenbach
Ray B. Ringenbach
TITLE Park Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

February
Month

1940
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		Superintendent	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	2	5	15min.
Total	2	5	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

5
Total Receiving Interp. Serv.

5
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Bates E. Wilson
Bates E. Wilson
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
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CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

February
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	12	38	51 Min
Other			
Total	12	38	10 Hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

38*
Total Receiving Interp. Serv.

72
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
* An additional 34 visitors, local residents, here to use telephone or on other business were also contacted.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
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UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

FEBRUARY
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station (Sunday)	4	137	10 mins
(Give Name or Type) Total	4	137	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2		
Other			

137
Total Receiving Interp. Serv.

295
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Ted C. Sowers

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
3m3 and 9m3

MONTHLY S ISTICAL REPORT OF INTERPRETIVE RVICES
IN NATIONAL PARK AREAS*

~~Montezuma Castle National Monument~~
Name of Area

February
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	28	85	1 hr.
Other			
Total	28	85	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum (not continuously attended)	1	223	15 min.
Orientation (connected with conducted tour but information received by those not making tour)	1	56	10 min.
Exhibit room (Montezuma Well)	1	65	15 min.
(Give Name or Type) Total		344	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail	1	75 Est.	
Montezuma Well Nature Trail		98	
(Give Name or Type) Total		173	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	None		
Talks	"		
Displays and Exhibits	"		
Replies to Inquiries	"		
Other	"		

602
Total Receiving Interp. Serv.

432
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	None
Popular Studies	"
Source Books	"

NAME Homer R. Hastings

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

February
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary	**None**		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME **Russell L. Mahan**
TITLE **Acting Superintendent**

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
No travel to area due to heavy snow on approach roads.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	2

FEBRUARY
Month
1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other **Accompany patrol**	9	47	7
Total	9	47	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	5	116	1½
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	5	116	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	30	1167	½
(Give Name or Type) Total	30	1167	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1167
Total Receiving Interp. Serv.

10621
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME **William R. Supernaugh,**
TITLE **Superintendent.**

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary	1		

February
Month
1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	Days NO.		
Monument Headquarters	29	1898 people in 561 parties	8395 Min. Total 17 avg. per party
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	62	1 Hour
Displays and Exhibits			
Replies to Inquiries	2		
Other			

1898
Total Receiving Interp. Serv.
3823
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	

NAME Samuel A. King

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Ranger Frost gave a lecture at the Wrights Town school illustrated with Kodachrome slides, 62 in addendance.

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Fill in Only Those Blocks That Apply

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Sunset Crater National Monument~~
Name of Area

~~Febuary~~
Month

~~1949~~
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		0	0
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

Area closed by snow

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

Total Receiving Interp. Serv. _____

Total Number Visitors to Area _____

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME **David J. Jones**

TITLE **Superintendent**

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TONTO NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary	1		

~~February~~ Month

~~1949~~ Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other //////////	295	971	45 min avg
Total	295	971	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Hdq Museum-Office	28	2402	
(Give Name or Type) Total	28	2402	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts w/ moving pictures	3	90	30 min avg
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

3373
Total Receiving Interp. Serv.

~~2625~~ 2425
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Lloyd M. Pierson
TITLE Archaeologist.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

February
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	247	1,977	34.4 mins.
Other			
Total	247	1,977	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0		

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined information and interpretation service at registry desk or in museum. All visitors save run-arounds get this service	1	3,639	5 mins. ave.
(Give Name or Type) Total	1	3,639	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self-guiding museum and patio garden	2	3,622	20 mins. ave.
(Give Name or Type) Total	2	3,622	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

9,238
Total Receiving Interp. Serv.

3,720
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	None
Popular Studies	"
Source Books	

NAME Earl Jackson
Earl Jackson

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Visitor total includes 81 run-arounds.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	ONE	ONE	
Temporary			

FEBRUARY
Month
1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	72	227	21 min.
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	78	245	22 min.
Orientation (Not connected with conducted trip)	85	280	5 min.
Other (Not connected with conducted trip)			
Total	163		

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	5 (Correspondence)		
Other			

752
Total Receiving Interp. Serv.

300
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Everett W. Bright

TITLE Everett W. Bright, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WALNUT CANYON NATIONAL MONUMENT
Name of Area

FEBRUARY
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One (part time)	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at Administration Building	1	3	20 min
Museum	1	3	15 min.
(Give Name or Type) Total	2	6	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into Canyon	0	0	0
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

6
Total Receiving Interp. Serv.

3
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME John A. Aubuchon

TITLE Park Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Report No. 9m3

White Sands National Monument
Name of Area

February
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes		O	
Ruins or Hist. House		N	
Other		E	
Total			

TALKS	NO.		
Campfire		N	
Hotel or Lodge		O	
Museum (Not connected with conducted trip)		N	
Orientation (Not connected with conducted trip)		E	
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
	28	2700	1/6
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks		N	
Displays and Exhibits		O	
Replies to Inquiries		N	
Other		E	

2,700
Total Receiving Interp. Serv.

5,438
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	NONE
Source Books	

NAME Johnwill Faris

TITLE Johnwill Faris, ~~Superintendent.~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 5TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

Febuary
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	3	9	45
Other			
Total	3	9	45

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nalakihu Exhibit	1	2	5
(Give Name or Type) Total	1	2	5

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

9
Total Receiving Interp. Serv.

11
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Snow and mud condition hampered the road most of the month.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

March 47 4-8-49

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Bennett	4/11/49	4/13/49
El Morro	B E Wilson	4-15-49	4-18-49
Canyon de Chelly	Gutto	4/27/49	4/30/49
Chaco Canyon	[illegible]	5/9/49	5/9/49
Aztec Ruins	[illegible]	5-7-4	5-9-49
Arches	B E Wilson	5-10-49	5-13-49
Great Sand Dunes	[illegible]	5-18-49	5-20-49
Capulin Mountain	[illegible]	5-25-49	5-27-49
Gran Quivira	[illegible]	6-1-49	6-1-49
White Sands	[illegible]	6-3-49	6-4-49
Region Three Office--Mr. King			

(List No. 1.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

April 6, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for the Naturalists of the Southwestern National Monuments for March 1949.

Staff Activities, General

Naturalist King visited Arches and Mesa Verde through March 4, spending the rest of the month in the office.

Archeologist Steen made two short trips to Bandelier and Gran Quivira while Archeologist Vivian was in the office for a month except for a short trip to Chaco Canyon.

Interpretive Administration

Editorial work was done on the manuscript for the Montezuma Castle 36-page booklet and the Capulin Mountain two fold leaflet.

One memorandum was written discussing the policy of including certain material in the White Sands fact file.

Several letters of application for employment were answered and a conference on efficiency ratings attended.

Public Relations and Extension Services

Due to pressure of work no attempt was made to undertake the writing of an article on White Sands for the National Motorists magazine. It is hoped that this article can be prepared locally.

Progress of Exhibit Plans and Projects

Metal Cactus labels were furnished for Saguaro, hand lettered case labels for Tonto and plexiglas sheets for exhibits in the Casa Grande multiplex.

The staff at Aztec were authorized to go ahead with their excellent plan program for rearrangement in the museum. The rearrangement will give more office space and a more efficient work room.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Indian Store
Santa Fe, New Mexico

April 6, 1949

Memorandum for the Regional Director, Indian Service.

Following is the monthly report for the activities of the southwestern Indian Commission for March 1949.

Staff activities, General

Superintendent Guy Vestal Jordan and Dorm Watson during March 6, operation the week of the month in the office.

Archaeologist Alden Hayes was in Zuni-Acoma and Gran Quivira with Archaeologist Vivian was in the office for a month except for a short trip to Chaco Canyon.

Interpretive Activities

Historical work was done on the manuscript for the Navajoan Tribal Council and the regular monthly trip field leaflet.

The commission was active directing the policy of training Navajo material in the Tribal Museum Fort Tilla.

Several letters of application for employment were received and a scholarship affiliation rating attached.

Public Relations and Promotion Activities

Due to pressure of work no attempt was made to maintain the writing of an article on Indian plants for the National Geographic magazine. It is hoped that this article can be prepared shortly.

Programs of Public Close and Training

Both Pueblo Indian were furnished for Palomar, Jemez Pueblos were lairds for radio and photographs shots for publish in the Jemez Pueblo magazine.

The staff of Indian Store attended to go about with their annual plan program for preparation in the museum. The preparatement will also have office space and a more efficient work room.

Mesa Verde National Park transferred a collection of prehistoric pottery from the Netherill collection. This came from the Kayenta region but many specimens are of types suitable for display at Walnut Canyon where they will be held until such time as Navajo National Monument has a museum. Steen travelled to Gran Quivira to make preliminary plans for exhibits. At Mountainair he looked at two collections of artifacts, both from the vicinity of Mountainair. The owner of one collection is anxious to give it to the National Park Service but wishes that the collection be kept intact. However, the bulk of the collection is not pertinent to any National Park Service area.

Accessions Other Than Library

Commercial firms were asked for quotations on cardboard sherd boxes for our study collections.

Research and Observations

Montezuma Castle forwarded a copy of a good report on the botany of Montezuma well written by Messrs. Spangle and Sutton of Arizona State College at Flagstaff.

Mostly during weekends King continued revision of the plates of the Malakihu report with the help of enlargements made by Photographer Glen Haynes. King rewrote the section on a cremation burial.

Loan Library

Accessions totalled 103, including 16 books, 44 pamphlets and 43 periodicals. The most important books are:

Gabel, Norman E. - A Comparative Racial Study of the Papago.
University of New Mexico Publications in Anthropology,
Number 4. Albuquerque, 1949

Hockett, Homer C. - Introduction to Research in American History.
2nd edition. The Macmillan Co., New York, 1949

Lister, Robert H. - Excavations at Cojumatlan, Michoacan, Mexico
University of New Mexico Publications in Anthropology,
Number 5. Albuquerque, 1949

de Terra, Helmut, and others - Tepexpan Man.
Viking Fund Publications in Anthropology, Number 11.
New York, 1949

Southwestern Monuments Association

King prepared a memorandum asking transferring superintendents to inventory and check association stock at the time of transfer. He talked with a representative of the Intermountain Tourist Supply regarding publication of color

[illegible]

[illegible]

[illegible]

miniature sets and other color printing.

During the month of March, Alan Vedder worked only about 17 full days due to lack of work. He only had five days left of annual leave, so that it would be used up before the fiscal year end, and there will be no carry over. No other paid employee worked for the SWMA this month.

Two deposits and one disbursement were made. This month 190 covers were mailed, including 40 letters and 25 purchase orders.

Two new stencil cabinets arrived, having been made at Bandelier National Monument. Also this month the Bandelier turn-in was straightened out. Outside of taking care of mail the rest of the time was spent on the usual, i.e., turn-ins, checking old invoices and sending out notices they are unpaid, posting, etc.

Visitors

Steen drove Frederick Douglas of the Denver museum and Mr. Anderson of the Ethnographic museum, Stockholm, Sweden, to Bandelier and Santa Clara and San Ildefonso Pueblos, on March 5.

Among others who visited the office were J. Wesley Huff of the Gallup Independent, Dr's. Arnold Withers of the University of Denver and Fred Danson of the University of Colorado and Superintendents Wilson and Sharp.

Ruins Stabilization

Steen inspected Tyuonyi ruin at Bandelier to see how last year's stabilization measures are holding out.

Vivian finished the ruins stabilization manual. The final pages are now being typed and the report will be assembled within a few days. He also did much work on the excavation report of a small site excavated in Chaco Canyon in 1938.

Technical Aid to Administrators

The interpretive portion of the job description for the superintendent of Walnut Canyon was rewritten for the personnel section.

Projects for April

King hopes to finish the manuscripts of Nalakihu and the Montezuma Castle booklet, and possibly will make trips to White Sands and the southern Arizona area.

stations with new video points printing.

During the month of March, also video worked only about 17 full days due to lack of work. On only had five half or normal days, so that it could be said or before the travel pay out, and there will be no very week. So other pay employee visited for the pick this month.

Two deposits and one investment were made. Pick stock 140 shares sold, including 40 letters and 20 preferred shares.

Two new phonil vehicle services, having been made of Canadian Patrons Company. One this month the Canadian Sun-is was straightened out. Outside of taking some of well the work of the time was spent on the work. i.e., Sun-ion, checking six letters and making out reports they are equal, pending, etc.

Training

Some more industrial training of the Senior classes and to. Lectures of the Engineering classes, Freshmen, Sophomore, to Sophomore and Junior Civil and Electrical Engineers, as level 2.

Among others who visited the office were 1. Senior Staff of the Calgary Inspection, 2. Lunch visitors of the University of Toronto and Dean of the University of Toronto and Engineering Alumni and Camp.

Video Qualification

These interested Canada with as qualifier to are for last year's qualification accounts are holding up.

Video finished the video qualification manual. The final proof are now being typed and the Senior will be presented within a few days. We also did work on the examination report of a small wire alternator in Camp Angus in 1944.

Technical Aid to Industrial

The Engineering position of the Pic Laboratory for the superintendent of Camp Angus was completed for the personnel matter.

Problems for Staff

This began to direct the investigation of Scientific and the Newfoundland Canada Laboratory, and probably will work today to take place and the problems between them.

UNITED STATES

DEPARTMENT OF THE INTERIOR

Steen will make short trips to Aztec and Gran Quivira and will split his time between stabilization and museum preparation activities. Vivian will go to Aztec ruins on April 5 for two months of stabilization work there.

SIGNED

Dale S. King,
Naturalist.

APPROVED FOR DISTRIBUTION:

SIGNED

Regional Director

April 7, 1949.

cc: Mr. Davis (2)
Mr. Dodge (2)

DSK:ejn

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches National Monument
Moab, Utah

March 28, 1949

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the Month of March, 1949:

GENERAL: This superintendent recently received word of the approval of his transfer to Colorado National Monument. It is with regret that he leaves the Southwestern National Monuments organization after eight interesting and enjoyable years and wants to thank all with whom he came in contact for their splendid cooperation. ADIOS.

The interesting, but not too well known "Mastadon" petroglyph, which was situated about 4 miles below Moab on the Colorado River, is no more. First reports were that someone had used an explosive on the cliff on which it was carved but further investigation proved that the natural forces of erosion caused the collapse.

WEATHER: Rains fell on March 7th, 8th, 20th, 22nd, 23rd, 27th and 28th, with a wet snow accompanying the rain of the 28th. High winds blew on one or two occasions but our March winds did not materialize.

TRAVEL: Travel picked up again this month after two months of extreme weather which kept all but essential travel off the highways. A total of 69 cars and 201 people entered the area during the month. Travel represented 15 states, Canada, Venezuela and South Africa. Interpretive contacts were nil due to press of other work.

REHABILITATION OF BUILDINGS: Repair work on trailer quarters for the ranger was completed during the month so that it is now liveable, after a fashion. The interior painting was completed, approximately 225 feet of water line was laid and a power line strung. Ranger Worthington moved in on March 15th and 16th.

NATIONAL PARK SERVICE VISITORS: Naturalist King visited the area on March 1st and 2nd and discussed our needs for interpretive devices.

Engineer Bradley and Mr. Kell arrived on March 15th for a survey of the boundary in the Dry Mesa section. Mr. Kell left on the 19th but Mr. Bradley is still carrying on.

The new superintendent for Arches, Bates Wilson of El

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches National Monument
Moab, Utah

March 23, 1949

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of March, 1949:

GENERAL: This superintendent recently received word of the approval of the transfer to Colorado National Monument. It is with regret that he leaves the Southwestern National Monuments organization after eight interesting and enjoyable years and looks to these all city area is even in contrast for their physical temperament. ALLEN.

The interpretive, but not the well known "Metatom" petroglyph, which was situated about 4 miles below Moab on the Colorado River, is no more. First reports are that someone has used an explosive on the cliff on which it was carved but further investigation proved that the natural forces of erosion caused the collapse.

WEATHER: Rain fell on March 7th, 8th, 9th, 16th, 18th, 19th and 20th, with a wet snow accompanying the rain of the 20th. High winds blew on one or two occasions but our Moab office did not materialize.

TRAVEL: Travel picked up again this month after two months of extreme weather which kept all but essential travel off the highways. A total of 60 cars and 201 people entered the area during the month. Travel represented 12 states, Canada, Venezuela and South Africa. Interpretive contacts were all due to press of other work.

REHABILITATION OF FACILITIES: Repair work on trailer quarters for the ranger was completed during the month so that it is now liveable, after a fashion. The interior painting was completed, approximately 225 feet of water line was laid and a power line strung. Water fortification moved in on March 15th and 16th.

NATIONAL PARK SERVICE VISITORS: Naturalist King visited the area on March 1st and 2nd and discussed our needs for interpretive services.

Engineer Bradley and Mr. Ball arrived on March 12th for a survey of the boundary in the Dry Mesa section. Mr. Ball left on the 14th but Mr. Bradley is still carrying on.

The new superintendent for Arches, Dates Wilson of El

Morre, arrived on the morning of the 28th to spend a few days getting acquainted with the area and its problems. He will return for permanent duty on April 20th.

ROADS: Maintenanceman Winbourn spent seven days giving the monument roads their spring face-lifting and at this writing they are in excellent condition. The moisture from recent rains has helped to pack sandy portions and they should be in good shape the balance of the season.

MAINTENANCE: Repairs were made to the motor grader during the month. Two new tandem wheels and drive spindles were replaced to put the machine in good order, we hope.

Water lines at the Windows parking area were opened on March 10th and water was hauled from Moab to the storage tank.

SIGNS: A new trail sign was installed at the Windows parking area giving trail distances to the various features of the section. Warning signs regarding vandalism were set up in the parking areas at the Windows, Devils Garden and Delicate Arch. The trails in all sections are now well marked and all signs in good condition for the coming season.

SURVEYS: Engineer Bradley carried on the survey of the boundary in the Dry Mesa section from March 15th to 18th with the help of Mr. Kell and Worthington, Winbourn and myself alternating as helpers. On the 21st we checked section corners on the proposed extension on the west boundary while Worthington trucked horses to Turnbow cabin for use by the party on the Dry Mesa survey. Mr. Bradley became sick on the 21st and was indisposed until the 25th at which time the Dry Mesa survey was again taken up. This job was completed on the 25th and the west boundary survey will be carried on next week.

GRAZING: Ranger Worthington and myself spent two days riding the west and south boundaries with Ross and Rusty Musselman, who are taking over the B of L. M. grazing allotment along the monument in the Windows and Courthouse Towers sections. They have purchased the Pack Creek ranches from EDD Provensha and plan on operating a guest ranch and pack and saddle trips.

No regular boundary patrols were made in the Devils Garden and Delicate Arch sections due to press of other work.

Russell L. Mahan

Russell L. Mahan
Superintendent.

(in trip.)

Harre, arrived on the morning of the 20th to spend a few days getting acquainted with the area and its problems. He will return for permanent duty on April 20th.

ROADS: Maintenance on Wilbourn spent seven days giving the monument roads their spring face-lifting and at this writing they are in excellent condition. The moisture from recent rains has helped to pack sandy portions and they should be in good shape the balance of the season.

MAINTENANCE: Repairs were made to the water tender during the month. Two new tandem wheels and drive sprockets were replaced to put the machine in good order, as hope.

Water lines at the Window parking area were opened on March 10th and water was hauled from town to the storage tank.

STOP: A new trail sign was installed at the Window parking area giving trail distances to the various features of the section. Trails signs recently vandalized were set up in the picnic area at the Window, Devils Garden and Delicate Arch. The trails in all sections are now well marked and all signs in good condition for the coming season.

SURVEY: Engineer Bradley worked on the survey of the boundary in the Dry Mesa section from March 16th to 19th with the help of Mr. Hall and Vandiver, Rangers and myself alternating as helpers. On the 21st we checked section corners on the proposed extension on the west boundary while Worthington traded horses to Turnbow cabin for use by the party on the Dry Mesa survey. Mr. Bradley became sick on the 21st and was hospitalized until the 25th at which time the Dry Mesa survey was again taken up. The job was completed on the 28th and the west boundary survey will be started on next week.

GUESTS: Ranger Worthington and myself spent two days riding the west and south boundaries with Rose and Rusty Rawlings, who are helping over the R of L. R. grazing allotment along the monument in the Window and Courthouse Towers sections. They have purchased the Jack Grant ranches from Mrs Provenzano and plan on operating a guest ranch and pack and saddle trips.

No regular boundary patrols were made in the Devils Garden and Delicate Arch sections due to press of other work.

Russell L. Mahan
Superintendent.

(in trip.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 March 1949

MEMORANDUM for the Regional Director
Region Three, National Park Service.

There follows the report of activities in Aztec Ruins for March 1949.

WEATHER. Like March weather we have had some snow, sleet and rain with more or less blustery days thruout the month, however the temperatures have climbed upward to a high of 74, likewise our travel has climbed to approximately 20% above the same period last year.

INSPECTIONS. Dale King was in March 1, and went over our museum plan in detail regarding the rearrangement of display cases and presentation of of displays.

PUBLICITY. The Department's open house was advertised over the San Juan Basin area by KIUP radio in Durango, Colorado and was a news item in the one daily paper serving this area, also in Durango. No visitation resulted from this advertising.

MAINTENANCE. Leaking roof covers continue to be our greatest concern with snow removal required after each snowfall.

The domestic water system tanks were drained and cared for to create sufficient air pressure for the smooth operation of the pump.

INTERPRETATIVE SERVICE. There were 299 visitors in 62 parties conducted thru the ruins and 426 visitors in 106 parties were shown the museum.

Two lectures on the Indian of the Southwest were presented to two history classes of the Aztec City Schools by Park Ranger Tom Onstott. These lectures were illustrated by kodaslides.

INCREASE IN TRAVEL. Nearly 20% increase with 426 visitors in 140 cars from 27 states and Italy. This is quite a sharp upturn in travel from the previous 2 months which were some 40% below the travel of Jan and Feb 1948.

PROPOSED ACTIVITIES FOR APRIL. Because of our complete attention to the museum change-over this month we have been unable to get at our boundayy fence which we hope to erect during April

Irving D. Townsend
Irving D. Townsend,
Superintendent.

AZTEC

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

March 28, 1949

Memorandum for the Regional Director, Region Three

There follows a report of the activities at Bandelier National Monument for the month of March, 1949.

Weather

The weather has been nearly ideal during most of the month with temperatures in the twenties at night and in the sixties during the day. The highest temperature was 72 degrees on the 19th. and the lowest was 18 degrees on the 27th. Only .13 inches of moisture was received during the month which left the roads in generally good condition.

Special Activities

An "Open House" was held on the 3rd. in celebration of the 100Th anniversary of the founding of the Department of the Interior. Coffee and doughnuts were served to visitors and a short talk was given on the high points of the Interior Department with particular emphasis on the National Park Service.

Maintenance

The refinishing of the office was completed during the first part of the month. This included replastering, painting, and sanding and varnishing the floors.

The comfort stations at both the administration building and campgrounds were repainted and made ready for summer use.

A new pre-dishwasher, that was secured from surplus at Los Alamos, was installed in the Lodge kitchen and the walk-in ice box was partitioned to provide storage for items that it is desirable to keep locked. A new hood for the new stove unit in the Lodge kitchen was installed to provide a vent for fumes.

Approach road

The good weather during most of the month made it possible for the operator general to grade the approach road and put it in good condition. A stopped up culvert was dug out and cleaned and considerable work was done to improve the drainage along the road.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

June 23, 1949

Superintendent for the Regional Director, Region Three

Here follows a report of the activities at Bandelier National Monument for the month of June, 1949.

Weather

The weather has been nearly ideal during most of the month with temperatures in the twenties at night and in the eighties during the day. The highest temperature was 92 degrees on the 13th, and the lowest was 19 degrees on the 27th. Only .13 inches of moisture was received during the month which left the ground in generally good condition.

Special Activities

An "Open House" was held on the 5th, in celebration of the 10th anniversary of the founding of the Southwestern Monuments Institute. Coffee and doughnuts were served to visitors and a short talk was given on the high points of the institute's development with particular emphasis on the national park service.

Maintenance

The painting of the office was completed during the first half of the month. This included repainting, painting, and sealing and varnishing the floors.

The employee housing on both the maintenance building and campground were repaired and made ready for summer use.

A new pre-fabricated, cast iron manhole cover weighing 45 lbs. was installed in the lobby lavatory and the wall-in tank was painted to provide storage for items that it is desirable to keep limited. A new hand for the new drive bell in the lodge kitchen was installed to provide a venue for Fiesta.

Maintenance Crew

The good weather during most of the month made it possible for the maintenance crew to grade the monument road and yet it is in good condition. Work started on trailers was dug out and cleaned and considerable work was done to improve the conditions along the road.

An "A" frame was constructed on the front of the winch truck which proved a valuable aid to the small crew in moving heavy culverts and rocks.

Interpretive Service

759 visitors were conducted through the ruins on 75 trips and 30 groups were given additional information in the museum. Warmer weather greatly increased the use of the museum although it was still chilly.

Ranger McIntyre spent considerable time during the month on material for training the temporary rangers when they report for duty and assembling material for the evening lecture program.

Travel

The good weather caused a considerable upsurge in travel with 1408 visitors coming to the area as compared with 397 for March, 1948. This is a 252% increase and puts the total for the travel year some 230 visitors over the same period last year.

The picnic area came in for a good deal of use and there were several overnight campers in the campground.

Visitors

Chief Clerk Gastellum with Mr. J. L. Stamp, U. S. Civil Service Commission inspected the area on the 17th.

Chief Auditor Carl Nowak and Auditor James Carpenter, with their wives, paid an unofficial visit to the area on the 27th.

Archeologist Charlie Steen accompanied Dr. Douglas, Denver Museum, and Sweedish archeologist Anderson on a tour of the Monument on the 5th.

Foreign visitors included Mr. and Mrs. Armand Circey, Quebec, Canada, and Mr. and Mrs. Thor Heyerdahl, Oslo, Norway, with Mr. and Mrs. G. A. Treschow, Larvik, Norway.

Building Fire Protection

All soda acid and foam type fire extinguishers were tested and refilled during the month and a building fire drill was held on the 15th. The equipment was manned and water was turned on in two minutes after the alarm was sounded. The drill was primarily for practice in the use of hand signals.

In-Service-Training

In-Service-Training meetings were continued through the month and

An "A" frame was constructed on the front of the house from which proved a valuable aid in the anti-fire in saving many valuable lives.

Interceptor Patrols

TDY visitors were conducted through the year on 21 trips and 30 groups were given additional information in the manner. Lower auxiliary directly increased the use of the manner although it was still small.

Lower Delaware speak considerable time during the year in material for training the temporary rangers when they report for duty and assembling material for the weekly lecture program.

Travel

The good weather caused a considerable upsurge in travel with last statistics equally in the area as required with 3DY for Jacks, 1948. This is a 2.8% increase and puts the total for the typical year some 30 visitors over the same period last year.

The picnic area came in for a good deal of use and their were several wrecking parties in the campground.

Visitors

Chief Clerk Detailer (Ch) No. 6, L. Young, A. - Civil Service Commission inspected the area on the 17th.

Chief Auditor Carl Tomm and Auditor Jesse Carpenter, with their wives, paid an unofficial visit to the area on the 27th.

Commissioner Charles Alexander Jr., Douglas, Cooper Dunham, and Leonard Lundquist inspected on a tour of the Tuscarora on the 5th.

Foreign visitors included Mr. and Mrs. Jacques Chenay, Geneva, Canada, and Mr. and Mrs. Peter Bernhardt, Oslo, Norway, with Mr. and Mrs. J. A. Dowling, Lewis, Norway.

Building Fire Protection

All sink and and fuse type fire extinguishers were tested and refilled during the month and a building fire drill was held in the 1700. The equipment was manned and water was turned on in two minutes after the alarm was sounded. The drill was primarily for practice in the use of hand extinguisher.

Communications

Telephone-Telegraph messages were not used through the month and

emphasis was placed on general Park Service policies as they affected the Monument and a discussion of Building Fire Protection. One of the meetings was combined with a staff meeting for the discussion of general problems and work to be accomplished before the heavy travel season.

Trails

The ruins trails were cleaned up and smoothed in preparation for oiling with a light oil to hold down the dust. The ladders leading to Ceremonial Cave were repaired and many of the rungs were replaced.

Miscellaneous

While writing this report more than five inches of snow has fallen in less than two hours. Where is that nice spring weather that we were bragging about! !

Fred W. Binnewies
Superintendent

[illegible]

[illegible]

[illegible]

Canyon de Chelly National Monument
Chinle, Arizona

March 25, 1949

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of March, 1949.

Weather Conditions

Weather has been about normal for the month with a maximum temperature of 74 degrees and a minimum of 15. Cold nights have thus far kept the canyon streams within their channels and the expected high waters are being taken care of by gradual run-off. A rain or stretch of real warm weather would precipitate a flood. Rainfall during the month totaled .58 inch. Grass is getting green and bushes are beginning to leaf on the sunny slopes.

Administration

Eight days of annual leave were taken by the Superintendent due to the death of his father and serious illness of his mother.

Maintenance

Signs were repainted and the large sign at Garcia's store removed and brought to headquarters for repainting and installing after road changes are made at the junction. Work has progressed on the roads as weather permitted. The parking area has been straightened and curbing placed. repairs were finished on the dam at the mouth of the canyon.

Protection

Inspection was made of the Spider rock area, and a patrol trip was made to Three turkey house and other sites as well as a reconnaisance of slim canyon to check for antiquities act violations. A trip was also made into the "Red rock" area south of Many Farms for the same purpose.

Travel

Travel figures remain well above 1948 even though we drew a blank in February. This month we had 69 visitors coming in 19 cars.

Visitors

Agroup of 24 children and their instructors from the Verde Valley School at Sedona Arizona camped two nights in the area and were given campfire lectures by the Superintendent and Ranger Morris.

Tongue de Chaly Boiland Museum
Tulsa, Arizona

March 23, 1940

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Tongue de Chaly National Monument during the month of March, 1940.

Weather Conditions

Weather has been quite normal for the month with a maximum temperature of 74 degrees and a minimum of 32. Cold nights have done far more than anyone attempt with their mimosas and the tropical fish owners are today taking care of by gradual pre-cut. A rain or storm of real heavy weather would prestigiate a flood. Naturally during the month nothing .01 inch. There is getting green and Texas are beginning to land on the sunny slopes.

Administration

Eight days of annual leave were taken by the Superintendent due to the death of his father and various illness of his mother.

Maintenance

Signs were repainted and the large sign at Jerome's store removed and brought to headquarters for repainting and installing after road changes are made at the junction. Work has progressed on the roads as weather permitted. The parking area has been eliminated and overlying planed. repairs were finished on the dam at the south of the campus.

Protection

Inspection was made of the Sphinx rock area, and a patrol trip was made to Three Springs Lake and other areas as well as a reconnaissance of this region to check for archaeological art violations. A trip was also made into the "Bad road" area south of Bay Farm for the same purpose.

Travel

Travel figures remain well above 1939 even though we have a slant in February. This month we had 27 visitors coming in 19 cars.

Visitors

Groups of 23 children and their teachers from the Terra Valley School at Tulsa Indian camped two nights in the area. Talks were given regular lectures by the Superintendent and Ranger.

General

The Navajo Indians have nominated two candidates for the office of tribal delegate from this district. For the first time, a "Canyon" Navajo has been nominated. He is Joe M. Carroll, a good man and a firm friend of the National Park Service. We hope he is chosen.

Government Publications

Two fold Leaflets.....8,050
Map Folder no 6..... 100

Meredith M. Guillet
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~COOLIDGE, ARIZONA~~
Capulin, New Mexico

March 25, 1949

MEMORANDUM for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico

There follows the narrative report for Capulin Mountain National Monument for the month of March, 1949:

Visitors: There were about four hundred and fifty visitors to Capulin Mountain National Monument during the month of March, making a total of six thousand six hundred for the travel year and twenty six thousand four hundred visitors for the fiscal year.

Weather: As it has been during the entire winter, the month of March has been extremely warm and very dry, with only about .75 precipitation. March winds started in a little late in the month, but at this writing are going strong.

Flora and Fauna: The mild winter has been fine for the deer and other animals. The vegetation so far, is in good condition, but should have more moisture before summer weather.

Roads and Trails: Roads and trails have been kept in top condition for the entire winter.

Information Pamphlets: No information pamphlets have been distributed during March. Still have about seven hundred on hand.

Very respectfully,

Homer J. Farr
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

March 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for March 1949.

General: The weather this month has been delightful and the desert flowers are beginning to put in their appearance. We have heard many comments from our visitors regarding the display of California Poppies on Picacho Peaks. Very few cactus are in bloom yet but next month should find them in full flower. The desert is really quite attractive this year due to recent rains and warm weather.

Weather: Almost without exception, the days have been perfect during March. The maximum was 87 with a low maximum of 65 and a minimum of 31. Only 3 days had a maximum temperature under 70. We had .37 inches of rain.

Visitors: March 1949 - 3361: March 1948 - 4355: This is a drop of 994 from March of last year. Travel year to date 1949 - 19,540: Travel year to date 1949 - 24,775.

Interpretive Services: Of the 3361 visitors to the area, 2331 made the trip to the ruins in 175 groups averaging 55.6 minutes per trip. 1030 people were here for a quick look but did not go through the ruins.

N.P.S. Visitors and Visitors of Note:

February 28 - Mr. and Mrs. D.M. Coughlan of Demarest, N.J. These people are friends of Mr. Drury's.
March 1 - Mr. Merlin L. Payne and Mr. Duncan Howeth of Grand Canyon were here to pick up the Auto-Car and trailer for Grand Canyon National Park.
March 4 - Dr. Emil Haury of the University of Arizona and a group of archeology students were here for a short visit.
March 11 - Ranger Sam Orem of Tonto National Monument.
March 25 - Archeologist and Mrs. Schroeder of Montezuma Well.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

March 25, 1949.

Memorandum for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for March 1949.

General: The weather this month has been delightful and the desert flowers are beginning to put in their appearance. We have been very unusual from our visitors regarding the display of California poppies on Phoenix Peak. They for sector are in bloom yet but most much should that time in full flower. The desert is really quite attractive this year due to recent rains and warm weather.

Rainfall: Insofar as best recollection, the rain has been perfect during March. The maximum was 87 with a low maximum of 48 and a minimum of 71. Only 2 days had a maximum temperature under 70. We had .37 inches of rain.

Visitors: Year ago - 1948: March 1948 - 4,000: This is a loss of 554 from March of last year. Travel year to date 1949 - 17,340: Travel year to date 1948 - 24,770.

Interpretive Service: Of the 1941 visitors to the area, 1041 made the trip on the train in 170 groups averaging 18.4 minutes per trip. 1000 people were here for a train load but did not go through the ruins.

N.P.S. Visitors and Visitors of Note:

February 21 - Mr. and Mrs. L.R. Congdon of Tucson, N.C. These people are friends of Mr. Tracy's.
March 1 - Mr. Martin L. Pope and Mr. Bruce Travis of Grand Canyon were here to pick up the Jeep-Car and trailer for Grand Canyon National Park.
March 4 - Dr. Hall Tracy of the University of Arizona and a group of archaeology students were here for a short visit.
March 11 - Ranger Ben Cross of Tucson National Monument.
March 23 - Interpretive Ref. Mrs. Gutrecht of Montezuma Well.

Administration and Protection: Some time was spent by the Superintendent in securing data on prevailing wage rates for the wage board. Ten requests for information were answered and office work has been kept current.

Museum Activities: We have just started on a project of preparing display panels for our multiplex unit. The first panel has been completed and it features pictures and a location map of the various Park Service areas of New Mexico. The next panel will be devoted to the parks and monuments of Arizona.

Maintenance: The maintenance man spent several days in overhauling equipment for the stabilization unit. Some work was done on getting the coolers ready for operation this coming summer.

Nature Notes: A pair of Palmer Thrashers are nesting in one of the Chollas in front of the museum and in a short time the young birds should provide another feature of interest for our visitors.

A.T. Bicknell,
Superintendent.

Ethical criticism and instruction: Some time was spent by the superintendent in asserting arts on presenting ways rules for the same board. The requests for information were answered and others such has been kept secret.

Summer activities: In June just started on a project of preparing display panels for our multiplex unit. The first panel has been completed and it features pictures and a description map of the various Peace Corps areas of the Medical. The next panel will be devoted to the works and monuments of Italians.

Entertainment: The entertainment was great several days in overcoming equipment for the orientation unit. Some work was done on getting the cultural ready for operation this coming summer.

Future Plans: A pair of Peace Corps Volunteers are meeting in one or the studios in front of the museum and in a short time the young girls should provide another feature of interest for our visitors.

A.T. Mikkelsen,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

March, 25, 1949

MEMORANDUM for the regional Director:
Region Three

There follows the narrative report for the mobile stabilization unit for March, 1949.

The stabilization project at Compound "B" has been moving along about as fast as could be expected. Several of the experiments with caliche have proven unsatisfactory, yet the elimination of these have finally yealded a satasfactory method. We are now able to completely cover about fifty yards of wall per day.The average wall is three feet high, and two to four feet thick. This requires a considerable amount of caliche.

Aproximately half of the compound walls have been stabilized, and the remainder should not require more than three more weeks.

An interesting construction method was noted when cleaning the outer walls of compound "B". Evidently a very heavy ;or aged;batch of caliche was utilized by the prehistoric masons. Verticle columns of caliche measuring three and a half feet long; two feet thick; andthree feet high were set up side by side. Some exceptional columns were over six feet long. The walls; thus constructed; had many joints or faults yet have withstood the erosional elements for a good many years.

Raymond Lifey
Archeo! Aide.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

March, 15, 1945

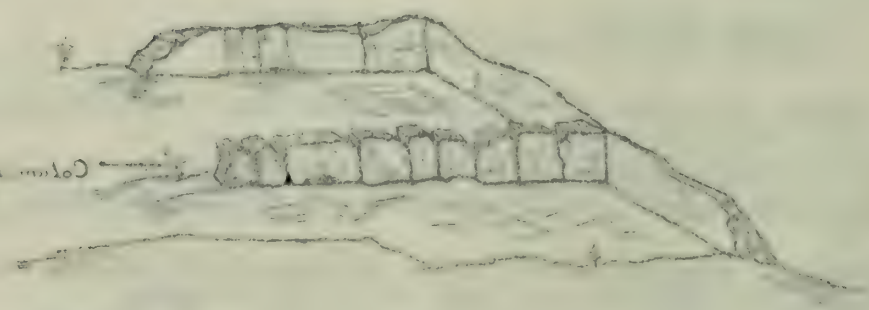
Memorandum for the regional director:
Region Three

Here follows the narrative report for the rubble stabilization unit for March, 1945.

The stabilization project at Compound "B" has been moving along about as fast as could be expected. Several of the experiments with mulling have proven unsatisfactory, yet the situation of these have finally yielded a satisfactory method. We are now able to completely cover about fifty yards of wall per day. The average wall is three feet high, and two to four feet thick. This requires a considerable amount of mulling.

Approximately half of the compound walls have been stabilized, and the remainder should not require more than three more weeks.

An interesting experiment method was noted when clearing the outer walls of compound "B". Evidently a very heavy ;or equi;bend or mulling was utilized by the prehistoric masons. Traffic cones or mulling measuring three and a half feet long; the five thick mulling four sides were set up side by side. Some a strategical cribbing was over six feet long. The walls; then constructed; set many joints or fronts yet have withstood the erosional elements for a good many years.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

March 26, 1949

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of March, 1949.

Although the approach roads have been in poor shape most of the month, 19 visitors came into the area. They came from:- California - 1 car, 2 visitors, and New Mexico - 4 cars, 17 visitors. Four ruins trips were made with a total of 1[illegible] visitors; and four parties, a total of 15 persons, spent some time in the museum. The superintendent spent 6 hours and 5 minutes with these people.

The coolest recorded this month was 13 degrees on the 9th of the month, and the warmest was 75 degrees Fahrenheit on the 19th of March. There was a total precipitation of .26 of an inch.

The north approach road has been rough but passable throughout the month. The south approach road, now on regular maintenance, was bladed this week. The monument roads are in goodshape. The road at the bottom of the hill was widened by a couple of transient 14 ton caterpillar bulldozers. Also, they rebuilt a dike (to protect the road) about 2[illegible]0 yards long and cleaned and deepened a trench about 25 feet wide and 200 yards long. Further, the upper crossing was put in repair so that it is hoped that one will not slide off in a deep hole in wet weather.

The large water tank, with warm weather, was coated with "fish oil" to prevent rusting, was filled, presented no leaks, and is now in full use.

The top of one of the cess pools caved in. The entire roof had to be rebuilt.

15,00[illegible] willow plants were brought in on the 16th of the month. They have exceptionally large roots. The men are busily engaged planting them.

National Park Service visitors included John M. Davis, Gordon Vivian and Erik Reed.

The Trader reports that he has installed new modern bathroom fixtures in

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Glacier Bay National Monument

Juneau, Alaska

June 20, 1962

Mr. Ed Dodge
Alaska Department of Fish and Game
Juneau, Alaska

Dear Ed:

Thanks for the Regional Director, Region Three, National Park Service.

Enclosed are the reports of activities in Glacier Bay National Monument for the month of June, 1962.

Although the appearance of Glacier Bay is greatly changed from the days of the Indians, it is pleasing even to the eye. The main creek - Dangerous River - 2 miles, 2 visitors, and the Beardslee - 4 miles, 12 visitors. Other active trips were made, with a total of 14 visitors and two overnights, a total of 32 persons, spent some time in the monument. The overnighters spent 4 hours and 3 visitors with the people.

The weather recorded this month was 12 days on the 8th of the month, and the highest was 78 degrees Fahrenheit on the 18th of the month. There was a total precipitation of .88 of an inch.

The Park Service road has been kept in good condition throughout the month. The entire approach road, now in regular maintenance, has blacked this month. The personnel needs are in shortage. The road in the Park of the 1111 was widened by a couple of thousand in the extraordinary maintenance. Also, they installed a tube 18" perforated tin, about 1/3 park long and cleaned and dredged a stream about 50 feet wide and 50 feet long. Further, the water overflow in the park is right that was will not allow the 1111 to be kept overhead.

The large "for" bear, with cubs nearby, was fished with "fish all" by several fishing, was fished, presented to Juneau, and is now in Fall Bay.

The boy of one of the boys fishing was fed. The girls road had to be rebuilt.

12,000 million plants were brought in on the 18th of the month. They have exceptionally large roots. The men are mostly engaged planting them.

National park service visitors included John G. Davis, Indian Field was this week.

The Tender reports that he has installed two water heaters in

his residence, has repainted the kitchen and dining rooms, has installed a new st ve in the kitchen, and has bought and installed a new gas pump to replace the one loaned to him by the gasoline company.

Projects for the ensuing month:- finish the planting, do some soil erosion control work on the mesa and hope that the permanent ranger reports for duty.

Irving McNeil, Jr.
Superintendent

His reactions, he repudiated the strikes and strong views, has received a new error in the criticism, and has sought and initiated a new pay scale to replace the one issued to him by the question-mark.

[illegible] for the service, Smith- think the planning, do some well arrange [illegible] work on the news and Sign that the permanent wages provide for city.

Irvin Dubert, Jr.
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Chiricahua National Monument
Dos Cabezos, Arizona.

March 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for the month of March.

Weather. Precipitation eased off to .84 of an inch this month, quite a contrast to the weather of January and February. A maximum temperature reading of 80 degrees was reached on the 19th and a minimum of 14 degrees on the 27th. Much of the snow on Chiricahua's peaks has melted and Rhyolite and Bonita Canyon streams continue to run.

Inspections & Visitors. Assistant Director Tolson and Regional Director Tillotson inspected the area on the 25th. Mr. Weldon Heald, writer, who has published several short articles on Chiricahua, visited on February 26. Mr. Sam Hendricks, Highway Engineer, inspected the road and trail system on the 22nd.

Forest Fire Protection. Considerable time was spent working over the fire plan for the coming year. Report will be submitted following further gathering of data.

Communications. Radio contact with Saguaro and Organ Pipe Cactus has been curtailed for several weeks pending completion of the installation of crystals and coil in the conversion of the set from the 2770 kc to the 5150 kc hookup.

Maintenance. An unusual amount of rock has fallen into the roads and trails. Four large rocks on the visitor horse trails require blasting.

About March 8, as the snow was melting rapidly, a rock cliff fell over the Sugar Loaf trail to the Lookout. Much work and blasting will be required to build a new trail through this rock, so that we can get a burro to the fire lookout with supplies. We were grateful to receive a small additional allotment to hire a man to help Marble clean off the trails. We hope to secure a little more money to overcome this last "Act of God-?".

Approaches to Monument. Snow has melted off the Cave Creek-Rodeo road enough that cars have been traveling it for a week. Other approach roads are in fair condition.

Special Publicity. March 3, Anniversary of the Interior Department, was given notice in local papers and over three radio networks in the vicinity. Special guide service was provided at the monument on this day to more than sixty persons.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Grand Canyon National Monument
Bar Inscription, Arizona.

March 25, 1939.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Grand Canyon National Monument for the month of March.

Weather. Precipitation eased off to .04 of an inch this month, quite in contrast to the weather of January and February. A maximum temperature reading of 80 degrees was reached on the 13th and a minimum of 24 degrees on the 27th. Much of the snow on Bright Angel's peaks has melted and Bright Angel and the Canyon streams continue to run.

Inspection & Visitors. Assistant Director Tolson and Regional Director Tillotson inspected the area on the 22th. Mr. Tolson held, either, the two published several short articles on Tillotson, related on January 23. Mr. Tom Vaughters, Highway Engineer, inspected the road and trail system on the Rim.

Forest Fire Protection. Considerable time was spent working over the fire plan for the coming year. Report will be submitted following further gathering of data.

Communications. Radio contact with Bagram and Grand Fire Bureau has been overhaul. Our several weeks pending completion of the installation of crystals and coil in the conversion of the set from the 4.7 to the 2.1 to be forwarded.

Maintenance. An unusual amount of work was falling into the repair and trails. Four large roots on the visitor horse trails requires clearing.

About March 8, as the snow was melting rapidly, a rock slide fell over the Bright Angel trail to the Inscript. Work and blasting will be required to build a new trail through this rock, so that we can get a horse to the fire lookout with supplies. We were grateful to receive a small additional allotment to hire a man to help remove slide off the trails. We hope to secure a little more money to overcome this last "Act of God-!".

Automobiles to Monument. Snow has melted off the Bar Cross-Roden road enough that cars have been traveling it for a week. Other approach roads are in fair condition.

Special Publicity. March 5, Anniversary of the Interior Department, was given notice in local papers and over three radio networks in the vicinity. Special guide service was provided at the monument on this day to more than sixty persons.

Travel. Clear weather again brought in heavy visitation. 1,324 persons in 333 cars entered the area as compared to 838 for March, 1947. Travel to date shows an increase of 5% over that of last year.

Interpretation. Two auto caravan trips with 10 persons for three hours and one nature hike with 35 persons for two hours were conducted this month. 1,183 persons were contacted at the museum and approximately 100 were given additional interpretation at Massai Point.

Clair V. Cooke,
Superintendent.

Travel. Over another eight brought in heavy visitation. 1,324 persons in 320 cars entered the area as compared to 828 for travel, 1917. Travel to date shows an increase of 5% over that of last year.

Interpretation. Two auto caravan trips with 10 persons for three hours and one private hike with 22 persons for two hours were conducted this month. 1,182 persons were contacted at the museum and approximately 150 were given additional interpretation at Massai Point.

Clair V. Cooke,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

March 26, 19 49

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of March, 1949.

WEATHER: Except for a few raw, windy days we have enjoyed some very pleasant spring weather for El Morro. The maximum temperature reached 61 degrees and the minimum dropped no lower than 9 degrees above zero. Only 5½ inches of snow fell and the precipitation amounted to .55 of an inch.

TRAVEL: After registering a goose egg for the same period last year, we are proud to report that 52 visitors arrived during this March Travel Month. Ten people made the conducted tour of the inscriptions. Six arrived for information only and 33 were contacted by the HSWP during the Superintendent's many absences. Three visitors arrived on March 19 in two airplanes. The first plane, a BT-13, made a forced landing just north of the monument boundary. The metal tip and three inches of wood parted company with the propeller at 9000 feet. The vibration was so great that the pilot had to land without power and consequently he had very little choice of landing strips. Why he didnt blow a tire in that field of malpais is still a mystery. A new prop was flown in from Kingman by a BT-19, landing on the El Morro Emergency field. Hotel accomadation being a little rough at El Morro, we had three guests for the night, and the next morning witnessed an exciting take off from a pile of malpais.

INTERPRETIVE SERVICES: Two illustrated talks of El Morro & The Paricutin Volcano were given to the El Morro School and the Community of La Mance.

APPROACH ROADS: Both roads have been passable since March 5, although t the "Thaw Ruts" are frightening to the out-of-state visitor.

Preliminary work has started on the road improvement east of the monument, with the road-line soil tests and location of surface material completed. I am afraid I wont be here to see the actual construction begin, but fromthese early signs of activity I feel that this road will finally be improved this summer.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT
El Morro

_____
Ramah, New Mexico

_____, 19__
Serial No. _____

MEMORANDUM for the Regional Director, Region Three.

Here follows the report of activities in El Morro National Monument for the month of March, 1947.

WEATHER: Except for a few rain, windy days we had quite good weather during March for El Morro. The maximum temperature reached 72 degrees and the minimum dropped as lower than 5 degrees above zero. Only 5½ inches of snow fell and the precipitation amounted to .92 of an inch.

VISITORS: After registering a goose egg for the same period last year, we are proud to report that 32 visitors arrived during this month Thirsty Month. Ten people made the conducted tour of the inscriptions. Six arrived for information only and 16 were conducted by the SMF during the superintendent's many absences. Three visitors arrived on March 15 in two airplanes.

The first plane, a ST-12, made a forced landing just north of the monument boundary. The metal tip and three inches of wood parted company with the propeller at 5000 feet. The visitors saw no great that the pilot had to land without power and nonchalantly he had very little choice of landing strips. Why in didn't view a site in that field of maijala is still a mystery. A few grey ones flown in from Gallup by a ST-12, landing on the El Morro Emergency field. Good automobiles being a little tough at El Morro, we had three guests for the night, and the next morning attended an exciting take off from a pile of maijala.

INTERPRETIVE SERVICE: The illustrated talks of El Morro & the Petrified Forest were given to the El Morro School and the community of Ramah.

ATTENDANCE DATA: Both roads have been passable since March 7, although the "Zero Date" are frightening to the out-of-state visitor.

Preliminary work has started on the road improvement east of the monument, with the road-side soil tests and location of surface material completed. I am afraid I won't be here to see the actual construction begin, but Frontenac early signs of activity I feel that this road will finally be improved this summer.

GENERAL: This month has been a busy one, mainly with the job of bringing everything in the office up to date. Inspite of the disposal of a great many useless papers the one cabinet file couldnt take it and it was necessary to make a trip to Santa Fe to get another cabinet. With the snow melting very rapidly the spring cleanup of the grounds is almost complete. Two coats of enamel were put on the woodwork of the kitchen.

Next week we welcome John and Ruth Aubuchon to El Morro and we hope that they enjoy their tour of duty here as much as we have. As time draws nearer to our leaving the "Rock", we think of many pleasant things we will miss, but the problem of reising a family so far from school and doctors has made our transfer necessary. However we are looking forward to the move and will probably have the same affection for, and pride in, Arches, weve had at El Morro. Buena Suerte!

Bates E. Wilson

Bates E. Wilson

Superintendent.

[illegible]

[illegible]

[illegible]

Gran Quivira National Monument
Gran Quivira, New Mexico

March 25, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of March 1949.

General. Favorable weather conditions this month coupled with good entrance roads have lead to good Sunday travel to the area. Visitors from Belen, Socorro and Carrizozo are more numerous than at this time last year. Sandstorms on March 23 and 25 were the first for the spring and will discourage visitors over the Carrizozo approach.

Weather. Very good most of the month. Total moisture amounted to .58 inches. High temperature for the period was 71° on the 19th.

Special Activities. On March 16 the superintendent contacted several pump supply houses in Albuquerque to obtain a preliminary estimate for changing the deep well from the present gasoline motor to an automatic electric motor. The necessity of using a single-phase motor on REA power causes a considerable increase in the cost of the 5-hp motor. Information gathered will be incorporated into a PCP sheet as soon as additional information requested from the Myers Pump Co. is received.

On Feb. 28 the superintendent and Rev. Chaney contacted Dick Jarrett, local rancher, regarding the installation of a telephone in Rev. Chaney's residence. Due to the present state of confusion regarding the status of the line no decision could be reached.

Inspections. Mr. Davis spent several hours in the area on Feb. 14 reviewing administrative matters, and inspecting the work accomplished since his last visit.

Maintenance. Considerable touch-up painting was accomplished on buildings during the unprecedented lull in the March winds.

A coat of Kem-Tone was applied to the living room and hall of the residence. Results were very satisfactory.

Both the pickup and the stake body trucks required a trip to the garage. It was found necessary to reline the brakes on the stake truck. New king pins and rear brake cylinder were put on the pickup.

Civil Defense Technical Bulletin
Cyra Valley, New Mexico

March 30, 1961

Memorandum for the Regional Director, Region Three.

The following is a report of activities at Cyra Valley for the month of March 1961.

Training. Favorable weather conditions this month enabled all local volunteer units have had a good Sunday travel to the area. Visitors from Salem, Amherst and Larrimore are more numerous this month than the first year. Attendance on March 23 was 45 were the first for the spring and will stimulate planning for the Carrington program.

Weather. Very good until 27 of the month. Total moisture measured 3.25 inches. Mid temperature for the period was 72° as the 12th.

Special Activities. On March 18 the Amphitheater-Cultural Center Study Group issued its directive to study a preliminary estimate for obtaining the best well from the present pumping plant to an automatic electric motor. The necessity of using a single-phase motor on the power source a substantial increase in the cost of the 5-hp motor. Information pertinent will be incorporated into a PCD sheet to serve as additional information requested from the Ayers Pump Co. is received.

On Feb. 28 the superintendent and Mr. Sunny contacted the Lovell, Local Property, regarding the installation of a telephone in Mr. Lovell's residence. Due to the present state of negotiation regarding the status of the line no decision could be reached.

Inspection. Mr. Davis spent several hours in the area on Tue. 14 reviewing administrative matters, and inspecting the work accomplished since his last visit.

Maintenance. Customarily housekeeping duties were accomplished on utilities during the appreciated lull in the park state.

A coat of lap-line was applied to the living room and hall of the residence. Results were very satisfactory.

Both the sirens and the siren pump trouble persisted a bit on a group. It was found necessary to pulse the sirens on the siren board. The bin plus and rear lines rubber were not on the pickup.

Repair and Rehabilitation. The floor of the exhibit room was covered with asphalt tile. This completed the work on the building which is fortunate as it also completed the repair and rehabilitation funds.

Approaches to Monument. Both approach roads were in fair to good condition throughout the month, with the exception of March 1 to 4, when asnow storm made them virtually impassable.

Interpretive Service. 28 parties totaling 95 visitors were guide through the ruins, average trip time 37 min.

Increase in Travel. Good roads and pleasant Sundays gave this month a big increase over the same period last year. Approximately 1/4 of the visitors were from out-of-state.

	CARS	VISITORS
March 1949	47	128
March 1948	26	74
Increase	21	54
Percent Increase	80.8%	72.9%
This Travel Year	269	725
Last Travel Year	170	482
Increase	99	243
Percent Increase	58.2%	50.4%

Forest Fire Protection and Building Fire Protection. During the month the superintendent prepared and submitted Forest Fire and Building Fire Control Plans.

William I. Bowen,
Superintendent.

Supply and Rehabilitation. The floor of the station room was covered with asphalt tile. This complaint the were on the building which is fortunate as it also complicated the repair and rehabilitation funds.

Interpretation by Community. This objective seems that is fair or good condition throughout the month, with the exception of March 1 to 4, when snow storm made them virtually inoperable.

Interpretive Service. 24 persons visiting 32 stations were guide through the point, average stay was 37 min.

Increase in Travel. Good month and planned months year this month a big increase over the same period last year. Approximately 1/4 of the visitors are from out-of-state.

March 1949	97	128
March 1948	32	94
Increase	21	34
Percent Increase	21.8%	73.4%
Year Travel Year	320	372
Last Travel Year	17	320
Increase	93	152
Percent Increase	23.1%	47.4%

Forest Fire Protection and Public Fire Protection. During the month the superintendent prepared and submitted Forest Fire and Public Fire Monthly Plan.

William C. Brown,
Superintendent.

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

March 26, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for March, 1949.

WEATHER. Spring is trying to reach the San Luis Valley, but for every two nice days, there appears one day of winter to set everything back. Spring will be officially recognized at this area when the water line thaws. Chipmunks, birds, bees and flies do not necessarily mean anything, at least not Spring.

The minimum of 12 degrees was registered on March 14. The maximum of 66 degrees was reached on March 19. The high minimum was 35 on March 20. The low maximum was 30 on February 26.

Snow fell on February 26,27,28; March 1,7,8,13,17,20,23,24 and 25. Winds blew very strongly on February 26 and 27; March 11,14,19,22 and 23.

During this report period there were 11 cloudy days; 4 partly cloudy and 13 clear days.

Herkimer the chipmunk made his earlist appearance (in 3 years) on March 3.

TRAVEL. Four hundred twenty visitors in one hundred sixteen cars visited the Sand Dunes during this report period. Ten states and Switzerland were represented. Eleven days show no visitors to the area. Two written requests were answered. Extremely heavy travel occurred on Sundays. One hundred twenty people took advantage of the picnic areas.

INCREASE IN TRAVEL. For March, 1948 there were 51 cars and 102 visitors.

CONTACT. Contact with visitors was done on four Sundays; 85 cars were contacted, with a total of 350 visitors. Contact time amounted to fourteen hours, ten minutes.

ROADS. The approach road was graded to the headquarters area, by the State grader on March 5. It remained in good condition for several days and then frost bubbles appeared and are now good-sized chuckholes.

The road from Mosca Spring to the lower picnic area is rough; the monument approach road is in good condition.

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

March 26, 1949

Memorandum for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for March, 1949.

WEATHER. Spring is trying to reach the San Luis Valley, but for every two nice days, there appears one day of winter to set everything back. Spring will be officially recognized at this area when the water lines thaw. Chipmunks, birds, bees and flies do not necessarily mean anything, at least not spring.

The minimum of 12 degrees was registered on March 14. The maximum of 66 degrees was reached on March 19. The high minimum was 55 on March 26. The low maximum was 30 on February 26.

Snow fell on February 24,27,28; March 1,7,8,12,17,20,23,24 and 26. Winds blew very strongly on February 26 and 27; March 11,14,15,22 and 24.

During this report period there were 11 cloudy days; 4 partly cloudy and 15 clear days.

Bernice the groundhog made his earliest appearance (in 5 years) on March 8.

VISITORS. Four hundred twenty visitors in one hundred sixteen cars visited the Sand Dunes during this report period. Ten states and Switzerland were represented. Eleven days show no visitors to the area. Two written requests were answered. Extremely heavy travel occurred on Sundays. One hundred twenty people took advantage of the picnic areas.

INCIDENTS IN PARKS. For March, 1949 there were 51 cars and 102 visitors.

CONTACT. Contact with visitors was done on four Sundays; 85 cars were contacted, with a total of 290 visitors. Contact time averaged to four-teen hours, ten minutes.

ROADS. The approach road was graded to the headquarters area, by the state grader on March 5. It remained in good condition for several days and then frost bubbles appeared and are now good-sized chuckholes.

The road from Moses Spring to the lower picnic area is rough; the monument approach road is in good condition.

GRADER. Several warm days allowed the Superintendent to try out his new "toy". However, it was necessary to have the gear shift lever ball properly welded at the Heide garage, in order that he might be able to shift gears to move the grader. A few pointers were learned from the man operating the State grader and then some ditching was accomplished between headquarters and Mosca spring.

Learning by doing, is usually the best way, but often it takes a long time. More road work will be done as soon as weather again permits.

LIGHT PLANTS. The No.2 plant was repaired and is in operation again. Both plants are functioning satisfactorily.

ACTIVITIES. Usual routine duties, hauling water, propane gas, white gasoline and snow removal (10 days), keeping office matters current and contact on Sundays, kept the Superintendent busy this report period.

Cleaned the picnic area after heavy visitation and after one early picnic by the Antonito School with 25 children.

Worked on the water system and cleaned out all silt in the lower tank. Put new faucet seats in all hot and cold faucets in residence in preparation for long awaited flow of water. At least its a forward step.

Replaced faucet on Mosca spring water tap and replaced the drain valve on lower picnic area water supply.

Refinished the speed limit signs on monument approach road.

Contacted Mr. A.W. Graves of Monte Vista, who is interested in obtaining a horse concession permit at this area. This matter is still pending.

Mr. Jack Williams removed his horses from the monument on March 15, but at this writing they are back again.

Sent to the Automobile Club of Southern California, information regarding recreation, camping and picnicking facilities at this area.

Received and reviewed the Naturalist Monthly Report, Region Three, November, 1948.

PROJECTS FOR ENSUING MONTH. Correct and make suggestions on a photostat copy of the latest map on this area to be used on the next informational circular, which was received from Acting Chief of Lands and Recreational Planning Richey, Directors Office.

[illegible]. Several warm days allowed the Superintendent to try out his new "toy". However, it was necessary to have the gate still lever ball properly valved at the Dutch Gulch, in order that he might be able to shift gears to move the gradar. A few problems were learned from the new operating the Dutch gradar and then some training was accomplished between readjustments and down spotting.

Learning by doing, is usually the best way, but often it takes a long time. More road work will be done as soon as weather again permits.

[illegible] PLANTS. The No.2 plant was repaired and is in operation again. Both plants are functioning satisfactorily.

[illegible]. Usual routine repairs, hauling water, propane gas, white gasoline and some removal (20 days), leaving office matters current and assistant up to date, kept the Superintendent busy this report period.

Cleaned the plants area after heavy rainstorm and after one early parade by the Automobile Club with 30 vehicles.

Worked on the water system and cleaned out all silt in the lower dam. The top Tunnel needs to all lock and build Tumbers to regulate in proportion for long assistant flow of water. Is lack like a Tunnel stop.

Replaced Tunnel on Green spring water tap and regulated the drain valve on lower plant area water supply.

Refurbished the speed limit signs on monument approach road.

Instructed Mr. A.E. Graves of Santa Fiata, who is interested in obtaining a horse concession permit at this area. This matter is still pending.

Mr. Dave Williams removed his horses from the monument on Lamp 12, but at this writing they are back again.

Sent to the Automobile Club of Southern California, information regarding concession, camping and picnicking facilities at this area.

Received and reviewed the Interpretive Monthly Report, Regina Tarve, Ranger, 1962.

[illegible] FOR [illegible] PLANTS. Interest and more suggestions on a potential copy of the latest map on this area to be used as the next informational circular, which was received from Acting Chief of Lands and Recreational Planning Branch, Directors Office.

Hope for decent weather to thaw water line and make possible more road work being accomplished.

Ted C. Sowers,
Superintendent

Here for decent weather to blow water lies and make possibly more work were being accomplished.

Ted C. Bowers,
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

March 24, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of March, 1949.

Visitors this month to Castle and Well - 1437; travel year to date - 7104.

Weather Beginning on March 1 this monument was one of the cooperative stations selected to report weather data weekly. Maximum and minimum temperatures and the amount of precipitation is reported as formerly and the new forms provide space for recording the hours precipitation was observed and the effect of weather on crops, farm operations, etc.

Administration A supply of yellow 5¢ theater type tickets have been received. These are to be used in collecting the 5¢ tax from children between the ages of 12 and 18 years in educational groups when fees are waived. They will replace the complimentary Admission forms 10-724 which had to be filled out with a carbon copy each time a 5¢ tax collection is made.

Personnel The transfer of Superintendent Hastings to Walnut Canyon National Monument will become effective April 11 and that of Ranger Leding to the same area a few weeks later. Hastings will be replaced by Sanitary Engineer John O. Cook from Grand Canyon and Leding by Warehousman-Truck Driver James N. Clancy from Grand Canyon.

Hastings received a renewal of his First Aid Instructor's card as a result of classes taught at Camp Verde beginning in November.

Castle Store On March 2 Superintendent Earl Jackson began selling the furniture and fixtures from the Castle Store. The building was sold to Mr. R. W. Wingfield of Camp Verde who sold it to Mr. James Reeves. The building is to be torn down and the site restored to its original appearance by May 1. Operation of the Castle Store was terminated in August, 1942 and since that time the building has deteriorated considerably.

Repairs and Improvements Two laborers were hired to assist in repairing damage to our roads and trails from last winter's severe weather. One barrel of bitumuls was used but part of the work is unsatisfactory, perpaps because it is still too cold for the tar to stick properly. Another barrel of bitumuls is being ordered to complete the work.

Paul Watts, the local road supervisor for Yavapai County extended

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Montezuma Castle National Monument
Camp Verde, Arizona

March 16, 1942.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of March, 1942.

VISITORS: Only about half as many visitors as last year - 1427; Travel year to date - 7126.

WEATHER: Beginning on March 1 this monument was one of the cooperating stations selected to report weather daily. Maximum and minimum temperatures and the amount of precipitation is reported by telephone and the nine forest ranger posts for recording the more precipitation was observed and the effect of weather on crops, fire conditions, etc.

ADMINISTRATION: A supply of yellow 8½" timetag type tickets have been received. These are to be used in collecting the 10¢ tax from children between the ages of 12 and 22 years in educational groups when fees are waived. They will replace the compulsory admission tickets 10-724 which had to be filled out with a person over each time a 10¢ tax collection is made.

PROGRAM: The program of improvements starting in Walnut Grove National Monument will begin effective April 21 and last or longer lasting to the same area a few weeks later. Monthly will be replaced by Fielding Gardner Jim A. Bank from Grand Canyon was loaning by Burkhamer-Gardner Driver James E. Clancy from Grand Canyon.

Starting leaving a removal of the first aid instructor's and a result of cleaner tenant at Camp Verde beginning in November.

CAMPS FIRES: On March 2 Superintendent Earl Jackson began calling the Forestry and Ranger Fires the Ranger Fires. The building was sold to Mr. E. Y. Chandler of Camp Verde who sold it to Mr. Jones Jones. The building is to be torn down and the site restored to its original appearance by May 1. Operation of the Camp Fires was terminated in August, 1941 so that time the building has deteriorated considerably.

REPAIRS AND IMPROVEMENTS: Two laborers were hired to assist in repairing tools to use roads and trails from last winter's severe weather. One barrel of kerosene was used for part of the work in monthly history. Public lands is still too wet to the bar to drive properly. Another barrel of kerosene is being ordered to complete the work.

Mel Betts, the local road superviser for Yavapai County extends

splendid cooperation in supplying eight dump truck loads of gravel. Two were used on the trail in front of the Castle and the others on the residence and picnic ground road. The County then sent in a maintainer to spread the gravel and grade all of our dirt roads.

A coating of raw linseed oil was given to the Castle ladders and to all wooden signs on the area.

Visitors There were 308 visitors in 120 cars to Montezuma Well and 1049 visitors in 303 cars to Montezuma Castle. Tickets sold, 307; tax only, 21; children who climbed free, 23.

Contacts There were 82 trips through the Castle for 351 visitors; 505 visitors saw the museum in 125 groups; 211 visitors received information outside the ruins or museum. Total contact hours 110; Hastings 34; Leding, 43; Schroeder, 33 at the Castle.

Accessions Two old rifles were given to the monument by Superintendent Earl Jackson. These had been in the Castle Store for several years. One is a breech-loading Winchester, Model 1870 that was found in a trapper's cabin in the Doctor Rock Country, Del Norte County, California. The other is a lever action Winchester, model 1876. This donation is thoroughly appreciated.

Publications Word was received that work on the 32 - 48 page booklet on this monument was to be resumed and must be expedited with the addition of 3,375 to 7,375 words. By using the most of four days considerable material was added to that previously submitted.

Museum Exhibits Two 6 by 9 inch pictures of the Castle in a single frame have been placed in the museum. The pictures were taken from approximately the same angle, one in 1902 and the other in 1948. They are intended to help visitors understand how little the Castle has been altered by repairs.

The following is Archeologist Schroeder's report from Montezuma Well.

Administration Daily duty was maintained except for lieu days and as follows: $8\frac{1}{2}$ days at the Castle and $1\frac{1}{2}$ days of annual leave.

The area underwent a spring check-up. All signs were given a coat of linseed oil, a break in the fence was repaired, fallen limbs were cleared off the picnic ground, 600 feet of dangling wire leading to the old cabins were taken down, loose trail signs were reset, fuel oil was removed from the museum heater, and attempts were made to repair bad leaks in the ditch.

The septic tank failed again this month. The drainage field was dug up and it was found that two pipes were placed by the contractor so that the ends emptied into the old limestone Indian ditch, and the third pipe was on an up hill grade so that water could not escape anywhere. Two laborers were hired and the pipes were pulled up and cleaned out. Gravel was set in under the pipes and large pits were dug at the pipe ends and filled with gravel to aid absorption. Pipes were relaid on a down grade and covered. No trouble since.

[illegible] [illegible] [illegible] [

All cabinet work and shelving in the museum was completed. Sanding and varnishing remain. The old hose was tested for fire purposes and two ~~two~~ 25 foot lengths were found with many leaks.

Outside aid. Those farmers who use water from the Well spent two days cleaning out the ditch and repairing remaining leaks. The telephone company pulled up a wire which tore loose from an insulator last month. The county graded the road from the museum to the Well parking area, its first renovation in years. The leased land was seeded with oats and is beginning to take on a green cover.

Mr. Blevins has completed dismantling and hauling off the buildings according to the contract awarded him. He has one more load of clean up which he will haul off this month.

Talks Two talks were given, one to a group of students at the Verde Valley School at Sedona on the geology of the Verde Valley and another at the Clarkdale Garden Club on plants of Montezuma Well which was illustrated with kodachrome slides.

Visitors Dick Shutler and Bill Adams, who are excavating a possible early man site south of Sedona under the Museum of Northern Arizona, visited the Well March 11.

Paul Spangle brought down the final report on the plant survey on his visit of March 13.

H. Charbonneau, the diver who made the descent into the Well last year, dropped in for a visit March 20.

Homer F. Hastings,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT
P. O. Box 38, Ajo, Arizona

March 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of March, 1949.

Weather

March weather was normal with no precipitation recorded, a 32 minimum temperature on March 24, and a maximum of 89 on March 18. The soil dried out considerably and the wild flower display is being curtailed accordingly.

Special Activities

Clarence Aldous, Biologist, Fish and Wildlife Service, spent February 28 to March 13 conducting observations in Organ Pipe and the Cabeza Prieta Refuge on wildlife migration studies. Several days were spent by the superintendent and Ranger Bean in the field with him.

March 18 and 19 were spent with Engineer Hendricks of the Regional Office going over road maintenance work and future trail work.

Supernaugh and Bean were able to make several exploration trips this month into little known areas of the monument.

Research and Observations

During the field trips little wildlife was sighted but sign indicates a very gratifying number of bighorn sheep on all our mountain ranges.

Peccaries were sighted several times and there is an abundance of tracks over all the monument.

Valuable bird information is being gathered by Collaborator Max Hensley in his research work.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CEDAR PIPE ORGAN NATIONAL MONUMENT
P. O. Box 89, Alpine, Arizona

March 28, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of March, 1948.

Weather

March weather was normal with no precipitation recorded, a 22 minimum temperature on March 24, and a maximum of 89 on March 12. The soil dried out considerably and the wild flower display is being curtailed accordingly.

Special Activities

Chamberlin Alpine, Biologist, Park and Wildlife Service, spent February 23 to March 12 conducting observations in Organ Pipe and the Lukeno Arboda Range on wildlife migration studies. Several days were spent by the superintendent and Ranger Dean in the field with him.

March 18 and 19 were spent with Engineer Hoskinson of the Regional Office going over road maintenance work and future trail work.

Superintendent and Dean were able to make several exploratory trips while much into little known areas of the monument.

Forestry and Conservation

During the field trips little wildlife was sighted but signs indicates a very prolific number of bighorn sheep on all our mountain ranges.

Porcupines were sighted several times and there is an abundance of tracks over all the monument.

Valuable bird information is being gathered by Collaborator Dan Shealy in his research work.

Mail Facilities

Notice of an examination for a Postmaster at Lukeville has been given by the Postoffice Department.

Travel

March 20 was the largest travel day ever recorded when 1712 persons crossed the International Border.

Equipment

Three car radios were received from Olympic National Park but the usefulness is still in doubt until they can be checked. It is hoped we will be able to make at least one from the three so we may talk to headquarters when in trouble in the field.

William R. Supernaugh,
Superintendent.

Hall Facilities

Notice of an association for a Gymnasium at Jacksville has been given by the Jacksville Department.

Travel

Week 30 was the largest travel by any recorded since 1112 persons crossed the International Border.

Conclusion

Three car yields were received from Glenyle Holland Park but the usefulness is still in doubt until they can be checked. It is hoped we will be able to make at least one from the three so we may hair to benefit/have some to travels in the field.

William E. Kingsmeyer,
Superintendent.

Saguaro National Monument

March 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for March, 1949.

General.

Ideal weather conditions prevailed during most of March, with the exception of one or two days when fresh to strong wind occured. Minimum temperatures stayed well above freezing and maximum temperatures varied from the middle 70's to 80's. Light precipitation amounting to less than .01 of an inch of rain fell on March 18. Travel was rather brisk during the early part of the month, but tapered off from about the 15th to date. This decline in travel is thought to be partly the result of large crowds being attracted to big league baseball games, held at Randolph Park in Tucson.

The wildflower display has been less than was anticipated so far, several annuals have made their appearance that were not in evidence last year. The best wildflower display in this general vicinity has been reported near Picacho Peak on Highway 84, where many acres of poppies in profusion are outstanding.

Some 158 persons visited Saguaro on March 3, " Open house day ", in commemoration of the 100th Anniversary of the Interior Department. Travel for the day was stimulated by spot announcements on Radio KVOA and news releases in the local papers.

Special Activities.

The superintendent made an inspection trip to Manning Camp on March 11. The Madrona-Manning Camp Trail is in good condition for the most part and entirely free of snow. An attempt was made to ride over to Spud Rock Ranger Station, but we encountered 3 to 4 foot snow drifts on the north slopes and had to turn back.

Inspections.

Mr. Sam Hendricks, Regional Highway Engineer, inspected roads and trails March 20 and 21. Mr. Hendricks made several recommendations relative to road and trail maintenance, to further improve their appearance and drainage efficiency.

March 20, 1940.

Administrator for the National Itinerary,
Dayton Ohio.

Please follow the monthly narrative report of activities of Itinerary National Museum for March, 1940.

General.

Good weather conditions prevailed during most of March, with the exception of one or two days when frost is strong and material. Minimum temperatures should well above freezing and maximum temperatures varied from the middle 70's to 80's. Light precipitation occurred on less than .01 of an inch of rain fell on March 18. Except one rather heavy rainfall the early part of the month, had departed off from about the 20th of the. This decline is viewed in consideration to the weather of large crowds being attracted to city larger numerical gained, this is including rain in March.

The visitors display has been less than was anticipated so far, several reasons have made their appearance that were not in existence last year. The best visitors display in this general visibility has been reported as were visiting from on Highway 40, where many were of people in particular are interested.

Some 100 persons visited Museum on March 1, " Open House day ", in commemoration of the 100th Anniversary of the Interior Department. Travel for the day was stimulated by most unseasonable or Mild 1940 and here reference is the level report.

Special Activities.

The superintendent made an inspection trip to Washington Long on March 11. The Museum-Moving Van still is in good condition for the most part and actually free of rust. In attempt was made in rain over to good look Bonar Station, but no arrangement I be a fact some drive on the month alone and had to turn back.

Inventions.

Mr. Jim Beatlie, Regional Highway Inventory, inspected trails and trails March 20 and 21. Mr. Beatlie made several recommendations relative to road and trail maintenance, to further improve their appearance and drainage efficiency.

General Publicity.

Newspaper clippings of an article appearing in the March 13 issue of the Arizona Daily Star, relative in part to Saguaro, were forwarded to the Regional Director.

Maintenance.

Maintenance work on the lower part of the Madrona-Grass Shack Trail was resumed during the latter part of the month. This work involves some relocation so that we may not be able to complete it, until additional trail laborers are employed in May.

New Construction.

The blacksmith shop at Madrona Ranger Station was completed on March 17. Messrs. Stansberry and Barney did a credible job of construction in view of the fact that most of the materials used were salvage. The forge, anvil, tools, and work bench are now under cover, a much needed improvement and will make for greater efficiency in future operations.

Roads.

The Broadway approach road was graded once during the month, it is in fair condition at this writing.

The Loop Road through the Cactus Forest is in good condition for the most part, as a result of grading during February.

New signs were made and installed around the Loop Road, designating it as a " One Way Road ". This reduces the possibility of accidents and has resulted in much favorable comment by numerous visitors.

Cooperating Non-Government Agencies.

Dr. Alice Boyle, Patholigist, member of the faculty University of Arizona, inspected the Saguaro stand on March 17. Dr. Boyle expressed the opinion that no serious damage was sustained by the Saguaros, resulting from freezing temperatures in January. Several plants inspected had vertical splits along the ridges, but were in the process of healing by exudation of plant liquids. Dr. Boyle also contributed three, nine year old Saguaro seedlings for use in the arboretum. These plants are approximately six inches high and were grown in the green house at the University.

Cooperating Government Agencies.

Milo S. James and M. R. Issacson of the Soil Conservation Service, made an inspection of soil and moisture conditions in the cactus area, for comparative analysis of studies being made in this general vicinity.

General Publicity.

Newspaper clippings or an article appearing in the March 15 issue of the Arizona Daily Star, relative in part to Saguaro, were forwarded to the Regional Director.

Maintenance.

Maintenance work on the lower part of the Sabino-Bear Canyon trail was resumed during the latter part of the month. This work involves some relocation so that we may not be able to complete it, until additional trail laborers are employed in May.

New Developments.

The electricity dam at Sabino Canyon Portion was completed on March 17. Mesars. Stansberry and Turner did a creditable job of construction in view of the fact that most of the materials used were salvage. The dam, gravel, rocks, and water board are now under cover, a most needed improvement and will make for greater efficiency in future operations.

Roads.

The Bear Canyon road was graded once during the month, it is in fair condition at this writing.

The loop road through the Cactus Forest is in good condition for the most part, as a result of grading during February.

New signs were made and installed around the loop road, designating it as a "One Way Road". This reduces the possibility of accidents and has resulted in much favorable comment by numerous visitors.

Cooperating Educational Agencies.

Dr. Alice Ewin, Botanist, member of the Faculty University of Arizona, inspected the Saguaro stand on March 17. Dr. Ewin expressed the opinion that no serious damage was sustained by the Saguaro, resulting from freezing temperatures in January. Several plants inspected had vertical splits along the ribbs, but were in the process of healing by mutation of plant tissue. Dr. Ewin also contributed three, nine year old Saguaro seedlings for use in the arboretum. These plants are approximately six inches high and were grown in the green house at the University.

Inspecting Interesting Agencies.

Mike C. Jones and R. E. Lemmon of the Soil Conservation Service, made an inspection of soil and moisture conditions in the Santa Ana, for comparative analysis of studies being made in Salt Lake Valley.

UNITED STATES
DEPARTMENT OF THE INTERIOR

Interpretive Services.

A total of 1827 people in 563 parties were given interpretive services at headquarters, for an average of 14 minutes per party.

In addition to the regular daily interpretive services given at headquarters, Ranger M. H. Frost Sr. gave two lectures illustrated with kodachrome slides on March 9 for school groups. One at the Roosevelt School with 60 in attendance and the other at the Ritchie School (all Indian) with 100 in attendance. Special interpretive services were also provided at headquarters for some 54 youngsters from the Jefferson School.

Exhibits.

New labels furnished by the Regional Office were received and installed in the arboretum. These labels are large enough to be read at some distance, so that our visitors are able to identify the plants without stepping inside the perimeter; a real improvement.

Increase or Decrease in Travel.

Travel shows a decrease of 853 persons as compared to last month, also a decrease of 339 persons compared to the corresponding month of 1948. A total of 2990 persons in 943 cars visited Saguaro during the month. Total visitors for the travel year, 13,149

Observations.

An Arizona Porcupine (Erethizon epixanthum couesi Mearns) was observed near the upper part of the Loop Road on March 3, this appears to be the first observation record for the monument at this elevation.

Forest Fire Protection.

The fire plan and the step-up plan were revised for the 1949 fire season, they will be submitted to the Regional Director for approval within the next week.

Deaths.

The entire community was saddened by the death of Dr. Charles Voorhies, eminent scientist and long time member of the faculty at the University of Arizona. Dr. Voorhies was considered a good friend of the Park Service, having contributed a wealth of material in the field of wildlife conservation. The Park Service was represented at his funeral in Tucson, by Ranger Marvin H. Frost Sr., who attended in uniform.

Samuel A. King
Superintendent

Interpretive Services.

A total of _[illegible]_ people in _[illegible]_ parties were given interpretive service as backwaters, for an average of _[illegible]_ minutes per party.

In addition to the regular daily interpretive services given at backwaters, Ranger E. H. Frost Jr. gave the Indians illustrated with kodachrome slides on March 3 for school groups. One at the Tuscarora School with 40 in attendance and the other at the Atlantic School (all Indian) with 120 in attendance. Special interpretive services were also provided at backwaters for some 24 groups from the Reservation School.

Exhibits.

Bee labels furnished by the Regional Office were inserted and installed in the exhibits. These labels are large enough to be read at some distance, so that our visitors are able to identify the plants without stepping inside the enclosure; a real improvement.

Number of Visitors to Park.

Travel shows a decrease of _[illegible]_ persons as compared to last month, also a decrease of _[illegible]_ persons compared to the corresponding month of 1942. A total of _[illegible]_ persons in _[illegible]_ cars visited Niagara during the month. Total visitors for the travel year, _[illegible]_

Surveillance.

A serious Forestfire (Dentition cigarettes found burning) was observed near the upper part of the Fall Road on April 3, this appears to be the first observation record for the occurrence of this disorder.

Travel Log Inventory.

The film and the stop-by film were revised for the 1943 film season, they will be installed by the Regional Director for approval within the next week.

Health.

The entire community was saddened by the death of Dr. Charles Hamilton, resident scientist and long time member of the faculty of the University of Buffalo. Dr. Hamilton was prominent a good friend of the Park Service, having contributed a wealth of material in the field of utility conservation. The last duties was performed at his funeral in Tucson, by Ranger Harold E. Frost Jr., and attended in uniform.

Samuel L. King
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Wupatki

Flagstaff, Arizona

March 26 49

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities affecting Sunset Crater National Monument during the month of March 1949:

Weather: Weather for the most part was clear although temperatures were not high enough to melt the snow drifts layed down by the heavy storms of last winter. An attempt was made to reach the monument from the Wupatki road only to be stopped by snow drifts several miles from the monument boundary. Observations reveal that the monument will be open to travel within a few days, providing we have no more snow.

David J. Jones
David J. Jones
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Superintendent

Flagstaff, Arizona

March 21 1949

Memorandum for the Regional Director, Region Three.

Following is a report of activities affecting Petrified Forest National Monument during the month of March 1949:

Weather: Weather for the most part was clear although temperatures were not high enough to melt the snow drifts lying deep in the heavy shade of last winter. An attempt was made to reach the southeast from the Rapidly road only to be stopped by snow drifts several miles from the Monument boundary. Indications point that the monument will be open to travel within a few days, weather permitting of course.

David J. Saxon
David J. Saxon
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

March 25, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of March, 1949.

Weather. Bright and warm most of the month. Up to 80° at noon March 19. Cold again 23 - 24 -25. Rain on 25th.

Approaches to Monument. Same as ever. The Arizona State-wide Highway Planning Committee recommends paving entire Apache Trail. As the Highway Department is to open bids March 29 for paving 6 miles beginning at Apache Junction, this has gone past the discussion stage. Special reports on this have been mailed.

Interpretation. Museum open all month. Interior Department Open House activities were on a local scale. We rounded up some of our neighbors who had not been up for years. The local school, 23 pupils, 2 teachers and 6 or 8 parents had a picnic here and a good trip through the cliff dwellings as a group.

The Dons Club of Phoenix made their annual trek up the Apache Trail, with about 500 visitors. Since all these could not possibly park on our terrace (especially on a busy Sunday), a planned trip to Tonto was cancelled. The Superintendent met the group at Roosevelt and gave them a brief talk on the Salado Indians, over the Dons' P. A. system. A separate report on this was submitted.

The Big Bend movie reels were shown to Roosevelt community. The Park Service and the Forest Service here have cooperated with the school to show movies about every 2 weeks this winter, which efforts have been well received. The Tonto staff and families attended nearly all of the movies.

Travel. 2695 visitors in 749 cars and 40 tour cars came to Tonto this month. This exceeds February travel this year, and is an all time record for March. March 1948 had 2295 visitors. Reports of decreased travel in the Phoenix-Tucson area had led us to expect fewer people here, but we actually had about 16% more than a year ago.

Ranger Service. Seasonal Ranger Sam Orem was transferred to Laborer-leadman as of March 21, due to running out of funds in the seasonal ranger allotment.

Visitors. Archaeologist Aide Ray Mixey and family, from Casa Grande. Mr. Alden Dow, architect from Midland, Michigan, who is here to design a Civic Center for Phoenix.

Propane System. Installation of copper tubing in the houses, for the propane system, was completed and accepted as of March 17, 49.

Wildlife. The first Gila Monster was seen on March 18, a bit early. Lizards are out. A gray fox was sighted on the entrance road. The beginning of a fine wildflower season is apparent, with California poppies, Desert Hyacinth, Lupine and Larkspur blooming, and many cactus budding. The Hooded Oriole has returned. A Palmers Thrasher has hatched out 2 young already. It must be spring.

General. Sam Orem is progressing with the job of lowering and covering the water line between the spring and the houses. This was the source of our celebrated hot water drinking fountain.

Supt. and Mrs. Sharp will be in Denver the first two or three weeks of April, as it is necessary for Mrs. Sharp to have a mastoid operation very soon. Am glad that Sam Orem will be able to stay on during my absence, as reports from Phoenix indicate heavy travel for April, with many requests for reservations coming in to resorts there.

Charles C. Sharp

Charles C. Sharp
Superintendent

Charles E. Shaw
Director
Department

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tumacacori National Monument
Tumacacori, Arizona

March 26, 1949.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of March, 1949:

WEATHER CONDITIONS: The month was quite dry, with only .08 of an inch precipitation. The earth is very dry, and winter predictions of a "good Spring", based on heavy January rainfall, have tapered off into a pessimistic silence. Irrigation has been necessary now for several weeks.

INCREASE OR DECREASE IN TRAVEL: Visitors numbered 2,923, which figure has been exceeded once, by the March, 1948 total of 3,258. Visitors arrived in 845 cars.

INTERPRETIVE SERVICE: 1389 persons went on 223 guided trips through the mission church and grounds, receiving an average of 34.7 minutes per trip. 2,813 persons received combined information and interpretation service, and 2,806 saw the museum and patio garden.

VISITORS: March 1 - Mr. and Mrs. E. M. Craven, friends of the NPS. He is a well known artist.
March 5 - Sup't and Mrs. Sam King, of Saguaro, and friends.
March 8 - Frederick Simpich, Ass't. Editor, Nat'l Geographic.
March 17 - Rancho del Rio Guest Ranch, of Tucson, Brought 36.
March 22 - John N. Brennen, Manager, Department of Labor, Arizona Industrial Commission.

PUBLICITY: On March 24 E.S. Newcomer, photographer, and Charles Griff, reporter, for the Arizona Republic, were in getting pix and data for an "Ambos Nogales" news story which will include Tumacacori.

The National Geographic may use some shots of Tumacacori for inclusion in a story on Sonora, to be written by Frederick Simpich.

MUSEUM AND EDUCATION: A considerable number of 3 x 5" plant labels were typed up, dipped in spar varnish, dried, then mounted in metal holders on wooden stakes, for identifying various plants to the visitors. The labels looked all right until after a rain came, then curled like autumn leaves. They are not supposed to curl, after the spar varnish treatment. If by any chance some other monument superintendent happens to read this, and knows how to keep my plant labels from curling, I would be grateful to have him drop me a line of instruction.

MAINTENANCE: Aside from routine maintenance, most of the spare labor time was spent on further rehabilitating and conditioning our winter-

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tumacacori National Monument
Tumacacori, Arizona

March 26, 1945.

MEMORANDUM for the National Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of March, 1945:

WEATHER CONDITIONS: The month was quite dry, with only .02 of an inch precipitation. The earth is very dry, and winter predictions of a "good spring", based on heavy January rainfall, have tapered off into a peculiar silence. Irrigation has been necessary now for several weeks.

INCREASE OR DECREASE OF VISITORS: Visitors numbered 2,882, which figure has been exceeded only, by the March, 1942 total of 3,332. Visitors arrived in 640 cars.

INTERPRETIVE ACTIVITIES: 1,589 persons went on 52 guided trips through the mission church and grounds, receiving an average of 34.7 minutes per trip. 2,815 persons received combined information and interpretation service, and 3,306 saw the museum and patio garden.

VISITORS: March 1 - Mr. and Mrs. R. E. Craven, friends of the Mon. in a well known artist.
March 3 - Maj't and Mrs. Sam Ling, of Nogales, and friends.
March 8 - Frederick Kimball, Ass't. Editor, Nat'l Geographic.
March 17 - Manuel del Rio Sweet Wood, of Tucson, Brought 56.
March 22 - John H. Freeman, Manager, Department of Labor, Arizona Industrial Commission.

MISCELLANY: On March 24 E. C. Stroomer, photographer, and Charles Smith, reporter, for the Arizona Republic, were in setting pix and data for an "Ripley Believe" news story which will include Tumacacori.

The National Geographic may use some shots of Tumacacori for inclusion in a story on Tucson, to be written by Frederick Kimball.

WORKING ON SITE PLANTS: A considerable number of 3 x 5" plant labels were typed up, dipped in spar varnish, dried, then mounted in metal holders on wooden stakes, for identifying various plants to the visitors. The labels looked all right until after a rain came, then curled like autumn leaves. They are not supposed to curl, after the spar varnish treatment. If by any chance some other monument superintendent happens to read this, and knows how to keep my plant labels from curling, I would be grateful to have his drop me a line of instruction.

MAINTENANCE: Aside from routine maintenance, most of the spare labor time was spent on further rehabilitating and conditioning our water-

ravaged patio garden and other plantings. Sandy river soil was hauled, mixed with Grade A pasturized and well-seasoned horse manure, sufficiently pulverized to provide a palatable food for the plants, and applied in many places where needed. Trees in need of a judicious shot in the arm were dosed with ammonium phosphate. More thinning was done, and some more desert plants were planted. The incinerator was repaired. Guns belonging to the museum and stored in the shop were cleaned and oiled. Re-arrangement was effected in the trailside exhibit of milling stones. The pick-up truck was cleaned and given two gleaming coats of paint.

UTILITIES: There was one day of almost complete power failure, in which we ran out of water and museum lights. Voltage fluctuation for some time has caused trouble in the operation of one of our refrigerators. We are assured by the Citizens Utilities Company of Nogales that when their new power plant is completed, in May or June, we should have more stable power current.

VANDALISM: Late in the afternoon of Sunday, March 13, a crowd of persons who had attended a rodeo at Kinsleys, 12 miles north, terminated their celebration at the saloon across the road from the mission. While we were closing our books for the day, the superintendent became suspicious that all may not have been well (there is something like a sixth sense which warns an old line custodian when something may be wrong), and went out for one of our frequent extra prowls of the mission church and grounds. Here he encountered several of the festive drunks who had climbed over our boundary wall and had gone through the mission unescorted. They were admonished, instructed, and chased off the area. Later search revealed several new initials on some of our walls. While in this case it is not possible to swear that the initials were made on this particular occasion, it is almost certain they were.

Such vandalism is particularly troublesome, because the gravity of such offenses is not great enough to warrant expense and time and trouble involved in court action, yet inevitably contributes to deterioration of our area. Court action, whether successful or not, is of little satisfaction, because the damage has already been done. We need, either a well trained and hard-boiled dog to patrol grounds, or money to hire a well muscled bouncer on particularly festive rodeo Sundays to patrol grounds between 5:30 p.m. and midnight.

RED CROSS FIRST AID: Santa Cruz County's only Red Cross First Aid Station, located here at the monument, was used twice this month. A young man while visiting the church became faint and required aromatic stimulant. A neighbor ran her thumb into a power saw and had to be temporarily fixed up.

PERSONNEL: Seasonal Ranger James R. Walker ended his period of active duty at noon, March 20, after a very satisfactory period of service. W.A.E. Guide Juliet Kibbey England worked 6 hours. Ranger Brewer took 5 hours of sick leave. Sup't. Jackson took 34 hours of annual leave for a personal business trip to Montezuma Castle National Monument.

ravaged patio garden and other plantings. Nady river mill was burned, mixed with Grade A pasturizer and well-seasoned horse manure, sufficiently pulverized to provide a palatable food for the plants, and applied in many places where needed. Three is used of a fertilizer mixt in the sun were dosed with ammonium phosphate. More thinning was done, and some more desert plants were planted. The incinerator was repaired. Some belonging to the museum and stored in the shop were cleaned and oiled. Re-arrangement was effected in the trailside exhibit of mining stones. The pick-up truck was cleaned and given two glowing coats of paint.

UTILITIES: There was one day of almost complete power failure, in which we run out of water and museum lights. Volume fluctuation for some time has caused trouble in the operation of one of our refrigerators. We are assured by the Citizens Utilities Company of Nevada that when their new power plant is completed, in May or June, we should have more stable power current.

VANDALISM: Late in the afternoon of Sunday, March 13, a crowd of persons who had attended a rodeo at Minden, 12 miles north, terminated their celebration at the saloon across the road from the museum. While we were closing our books for the day, the superintendent heard suspicious that all may not have been well (there is something like a sixth sense which warns an old hand something may be wrong), and went out for one of our frequent extra rounds of the museum grounds and grounds. Here he encountered several of the festive drunks who had climbed over our boundary wall and had gone through the museum unconducted. They were admonished, instructed, and chased off the area. Later search revealed several new initials on some of our walls. While in this case it is not possible to swear that the initials were made on this particular occasion, it is almost certain that they were.

Such vandalism is particularly troublesome, because the gravity of such offenses is not great enough to warrant expense and time and trouble involved in court action, yet inevitably contributes to deterioration of our area. Court action, whether successful or not, is of little satisfaction, because the damage has already been done. We need, either a well trained and hard-willed dog to patrol grounds, or money to hire a well mannered human on particularly festive rodeo Sundays to patrol grounds between 8:00 p.m. and midnight.

[illegible]: [illegible] County's only [illegible] Fire [illegible] station, located here at the museum, was used twice this month. A young man while visiting the church became faint and required oxygen stimulant. A motorist ran her truck into a power pole and had to be temporarily fixed up.

[illegible]: Seasonal Ranger James E. Walker ended his period of active duty at noon, March 30, after a very satisfactory period of service. W.A.S. Guide Juliet Kibbey resigned and worked 3 hours. Ranger Brewer took 3 hours of sick leave. Mr's. Jackson took 24 hours of annual leave for a personal business trip to Montezuma Castle National Monument.

EXTRA CURRICULAR ACTIVITY: Ranger Brewer is taking one of the evening courses in Red Cross Home Nursing, being given at the Tubac School House, three miles from here.

Sup't. Jackson has been up to his ears in Boy Scouting for the last three months, spending about half of his evenings on it. The local Troop and Pack Committee designated him again as Cubmaster in January, and he took over the Cub Scouts of the district on an experimental basis. Previous cubbing attempts with Den Mothers did not succeed, so now the Cubmaster runs the Pack on a weekly meeting basis. Meetings are at night, in the district school house at Calabasas, five miles away, and are held at the same time as the Boy Scout meetings, which are under direction of Scoutmaster Alfred Whiting, who is known to many Park Service people of Arizona. Aided by about three very helpful committee members we are running the most active Scout and Cub outfit in the county. If our definitely unusual Cub Scout organization structure continues to succeed as well as it is now doing, we may quite possibly receive some national Scouting publicity.

Earl Jackson

Earl Jackson,
Superintendent.

RURAL CONSERVATION ACTIVITY: Roger Brown is taking one of the evening courses in Rural Home Nursing, being given at the Tuba School House, three miles from here.

Guy's Jackson has been up to its ears in Guy County for the last three months, spending about half of his evenings on it. The Local Troop and Pack Committee determined his mark as Commander in January, and he took over the job County of the District on an experimental basis. Previous working attempts with the Cubbers did not succeed, so now the Commander runs the Pack on a weekly meeting basis. Meetings are at night, in the district school house at Tamaqua, five miles away, and are held at the same time as the Troop Court meetings, which are under direction of Scoutmaster Alfred Whiting, who is known to many Tuba people as a friend. Aided by about three very helpful committee members he has rounded the most active Court and Cub outfit in the county. If our developing Rural Cub Court organization structure continues to succeed as well as it is now doing, we may quite possibly receive some national Scouting publicity.

Best Regards,

Sportsmanship.

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA.

March 26, 1949.

MEMORANDUM for the Regional Director, Region Three.

Following in the monthly narrative report for Tusigoot National Monument for March, 1949.

Travel Data: After being "shutin" for the past two months, due to the severe winter, a sharp increase in travel is noted. Visitors to the monument this month totaled 1100. This figure, however, is slightly under the corresponding period for 1948, which was 1359. The 1100 people arrived in 337 cars. 26 people walked out to the monument.

Weather: March, of course, brought with it the usual hard winds, and, as a result, dust and silt from the adjacent smelter tailings pond is on the move again. Visibility at times is reduced to an almost zero. Tusigoot perched on top of a hill, like it is, catches every type of wind there is to be had.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 2414 for the month. 926 people in 290 parties were shown around and given an orientation lecture in the museum, and 948 people in 295 parties made the trip through the ruins. Average time for each party in the museum was 22 minutes, while the ruins trip required 21 minutes per party.

Personnel Time: Museum: 104 hours, 30 minutes. Ruins: 101 hours, 30 minutes. Total time for Bright: 111 hours. For Richert: 90 hours.

N.P.S. Visitors: Messrs. Cornell, Bennett, Lassiter and Thomas on March 25, and Sam Hendricks on March 16.

Maintenance: Considerable work has been done repairing the walk-way to the ruins and trails in the ruins area. Minor repairs were made on the walls and they are now in very good condition. These are, more or less, continuous projects, and the work is done as time permits. A fresh coating of linseed oil was applied to all outside woodwork on the administration and quarters building. We are happy to report - no breaks on the water line during the past month.

Everett W. Bright
Superintendent.

TUMACACORI NATIONAL MONUMENT
CHAMISAL, ARIZONA.

March 30, 1942.

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tumacacori National Monument for March, 1942.

Travel Data: After being "dead" for the past two months, due to the severe winter, a sharp increase in travel is noted. Visitors to the monument this month totaled 1100. This figure, however, is slightly under the corresponding period for 1941, which was 1289. The 1100 people arrived in 387 cars. 24 people walked out to the monument.

Weather: March, of course, brought with it the usual hard winds, and, as a result, dust and silt from the adjacent sewage ponds is on the move again. Visibility at times is reduced to an almost zero. Tumacacori perched on top of a hill, like it is, catches every type of wind there is to be had.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 2414 for the month. 779 people in 270 parties were shown around and given an orientation lecture in the museum, and 968 people in 298 parties made the trip through the ruins. Average time for each party in the museum was 23 minutes, while the ruins trip required 21 minutes per party.

Personnel Time: Museum; 104 hours, 30 minutes. Ruins; 101 hours, 30 minutes. Total time for Ruins; 111 hours. For Museum; 90 hours.

N.P.S. Visitors: Masters, Cornell, Kennedy, Lassiter and Thomas on March 6, and Dan Hendricks on March 18.

Maintenance: Considerable work has been done repairing the walk-way to the ruins and trails in the ruins area. Minor repairs were made on the walls and they are now in very good condition. There are, more or less, continuous projects, and the work is done as time permits. A fresh coating of linseed oil was applied to all outside woodwork on the administration and quarters buildings. We are happy to report - no breaks on the water line during the past month.

Superintendent.

Walnut Canyon National Monument
Flagstaff, Arizona

March 25, 1949

MEMORANDUM for the Regional Director, Region Three.

This constitutes the monthly narrative report of activities for March 1949, at Walnut Canyon National Monument, Flagstaff, Arizona.

WEATHER. We have been blessed this past month with warm spring days, with the exception of the week beginning the 20th. From the 20th through the 25th we had cold winds and snow flurries.

INSPECTIONS. Highway Engineer S.D. Hendricks inspected roads, trails and equipment on the 15th.

GENERAL PUBLICITY. The local newspaper, on March 3, carried a very pleasing editorial on NPS areas in northern Arizona. The editorial was prompted by the celebration of the 100th anniversary of the Department of the Interior. I feel that the poor response to our Open House was due to bad weather and roads.

COOPERATING NON GOVERNMENT AGENCIES. The Coconino County grader operator, who handles the maintenance on our county approach roads, paid us a social visit. Fortunately for us he brought his equipment along and graded our roads as a parting gesture.

TRAVEL. The count of visitors for this past month was 310 people which is 69 more than we had in March last year. Our fiscal year travel is up 2,339 visitors over the same period last year.

RESEARCH. A specimen of wood taken from one of the ruins stabilized last fall, has been tentatively classified as Engelman Spruce (Picea engelmannii) and dated 1071 - 1256. These data were furnished by Dr. Edmund Schulman, University of Arizona Tree Ring Laboratory.

WILDLIFE. Wood haulers from Flagstaff were heard firing rifles in the vicinity of Walnut Canyon and it was believed they had their sights on some of the wild turkey ranging the woods. Some patroling was done by me and by the state game warden.

A set of tracks leading from the entrance road into the Canyon were found and indicate to me and local persons the presence of a lion. Plaster casts were made of some of the tracks and may be seen at my home (for the benefit of the skeptical). The tracks measured 4 inches by 4½ inches.

Walnut Canyon National Monument report for March continued:

GENERAL. The exhibit room was painted and cleaned. The floor still lacks beauty since no satisfactory floor cleaner can be found locally.

The comfort station was opened, painted, the water turned on again, and generally prepared for summer use. It is gratifying to receive compliments on what was for a time an eyesore.

Maintenanceman Joe Bean came to Walnut Canyon on the 16th to grade our roads but was not able to accomplish much since the ground was still frozen in most places. The county grader saved him a return trip.

One trip was made to Wupatki to confer with Superintendent Jones as to the use of his stake truck for an impending move.

NPS VISITORS. Maintenanceman Troy J. Strickland and family of Petrified Forest National Monument visited the area.

John A. Aubuchon
Park Ranger

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
White Sands

Box 231, Alamogordo, New Mexico.

March 23, 1949.

MEMORANDUM for the Regional Director, Region Three.

MARCH TRAVEL, 1949		1949 TRAVEL YEAR TO DATE	
Visitors, 8,577	Cars, 2,266	Visitors, 38,075	Cars, 10,205

After falling down last month we can brag about March, 1949 beating all records; 8,577 visitors in 2,266 cars tops all previous records for March. This record was achieved in spite of several adverse days when high winds and dust storms reduced visibility to less than 100 feet.

With the exception of figures, the above paragraph is identical with my March, 1948 report, but, in spite of March, 1948 breaking all past records, March this year topped last March by almost 2,500 visitors. Our weather has been typical of the season and our Spring winds are playing havoc with our roads.

Ranger Chittum made an official trip to El Paso with a small motor and, en-route, attempted to secure some galvanized sheet iron for our picnic shades and also some additional wheels for fire grills. We were not entirely successful but do have hopes of doing good later on.

Two films were shown at the Holloman Air Base on the National Monuments of Arizona and New Mexico. About 600 persona attended the two showings. The films were also shown at the local schools to about 400 students.

Our museum is getting it's usual praise and this was called especially to our attention by the Open House and our special register. Many verbal compliments were received on various phases of our unit.

Plans are in full swing for Play Day and we are having Easter Services as well so our April travel should jump up considerably.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Mr. Weeks

Mr. Ed. Abercrombie, Mr. Weeks.

Park Ed, Inc.

Engineering for the National Parkway, Belle Fourche.

Water Starts, Inc. 1949 Fulton Bldg St Louis

Visitors, 8,877 Cars, 2,200 Trailers, 2,272 Bus, 12,201

After building down last month on our trip about Devils, 1949 bowling all records, 8,877 visitors in 2,200 cars also all previous records for month. This month was outlined in spite of several adverse days when high winds and dust storms reduced visibility to less than 100 feet.

With the exception of Tuesday, the above percentage is identical with my March, 1949 report, but, in spite of worse, 1949 breaking all past records, March 2001 year topped last March by almost 2,000 visitors. Our weather has been typical of the season and our tourist which are flocking here with our trade.

Another Petition made an official duty to El Paso with a small motor unit, re-write, attempted to secure some galvanized sheets from for our picnic shelter and also additional shrubs for fire drills. We were not officially successful but do have hopes of doing good later on.

Two films were shown at the National Air Show on the National Grounds of Arizona and New Mexico. About 200 persons attended the two showings. The films were also shown at the local schools to about 400 students.

Our museum is getting into normal groove and this was called especially to our attention by the open house and our special register. Many varied questions were received in various phases of our work.

Plans are in full swing for Labor Day and we are having better overlaps as well as our 1949 visitors should jump up considerably.

We were very pleased to have a long visit from John Davis, Assistant Regional Director. This is one of the few times that we have been able to spend some time with Mr. Davis and go over our area problems and we did appreciate his spending that time with us.

The Concession, this month, does not show as much gain in sales as represented in increased travel. Sales seem to be for smaller amounts.

With slightly over two weeks until Play Day, no doubt exists as to what we will be doing the next couple of weeks.

We want to express our sincere appreciation to the Regional Office in securing for us a D-12 for our road work. This additional size will enable us to increase the efficiency of our work on the roads. Especially during windy seasons when the sand is moving. Now, when we get our Bull Dozer, we should be well fixed on road equipment.

LIFE MAGAZINE carried a half-page picture of the White Sands which I guess is good publicity, but the picture, and even the description, did not do the area justice. The March issue of NEW MEXICO MAGAZINE carried a nice article on Tularosa Basin entitled "Tularosa Basin is a Museum", and frequent reference was made to our museum and it's advantages in telling the story of the Sands.

As a final paragraph to this March report, I want to express my gratitude for being allowed to remain in the Southwest National Monuments for a twenty-year period. On March 31 I will have completed twenty most pleasant years, during which I have met many most interesting people. I only hope that my past twenty years will enable me to put in another twenty years of profitable service to a wonderful division of our Government - The National Park Service.

Jw Faris.

Johnwill Faris,
Superintendent.

We were very pleased to have a long visit from John Davis, Assistant Regional Director. This is one of the few times that we have been able to spend some time with Mr. Davis and go over our area problems and we did appreciate his spending that time with us.

The Concessions, this month, have not shown as much gain in sales as represented in increased travel. Sales seem to be for smaller amounts.

With slightly over two weeks until Play Day, no doubt exists as to what we will be doing the next couple of weeks.

We want to express our sincere appreciation to the Regional Office in assuring for us a 1-12 for our road work. This additional aid will enable us to increase the efficiency of our work on the roads. Especially during windy seasons when the sand is moving. Now, when we get our Ball Park, we should be well fixed as road equipment.

LIFE MAGAZINE carried a half-page picture of the Wells Lands which I press is good publicity, but the picture, and even the description, did not do our area justice. The March issue of NEW YORK MAGAZINE carried a nice article on Tuleres Lake entitled "Tuleres Lake is a Dream", and frequent reference was made to our museum and it's advantages in telling the story of the lake.

As a final paragraph to this month report, I want to express my gratitude for being allowed to remain in the Southwest Regional Headquarters for a fourth-year period. On March 31 I will have completed twenty most pleasant years, during which I have met many most interesting people. I only hope that my past twenty years will enable me to put in another twenty years of profitable service to a wonderful division of our Government - The National Park Service.

Sincerely yours,
Superintendent.

Wupatki

Flagstaff, Arizona

March 26 49

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of March 1949:

Weather: Precipitation is below normal with a total of only .15 inches this month. Spring winds are drying out the soil rapidly. In general, the weather has been reasonably warm with occasional flurries of snow. Maximum temperautre 75°; minimum 26°.

Roads: The approach from Hiway 89 has been passable the entire month and is in reasonably good shape at this writing. The one from Sunset Crater is still closed by snow.

Travel: Spring is in the air and visitors are gradually increasing in number. At Wupatki 110 registered; at Citadel 61. Visitors receiving guide service totaled 78. Service stations report business is slow and that the proportion of out-of-state cars is low. This condition is reflected in our travel figures which were only slightly more than half of March 1948.

Status of Private Land: The Meiser Spring appraisal was submitted by Mr. E. C. Groesbeck, Kaibab National Forest, and further action rests with your office. Again we have an example of the cooperative attitude of the Forest Service. Forest Supervisor Lessel refused to bill us for Mr. Groesbeck's services and said: "It is our feeling that this is a matter of cooperation between our two services working side by side. If we can't help each other once in a while, then there is surely something wrong with our system."

Publicity: Excellent publicity, particularly an editorial in the Arizona Daily Sun, occasioned the 100th anniversary of the Department. Our "open house" activity had no response from visitors. Perhaps it was partly due to the weather.

Grazing: Trespass cattle owned by Joe Kellam were removed by him and have given us little trouble , since he took them to the headquarters.

Research and Observation: A BM III pottery cache was discovered in the lower Deadman drainage by a Navajo girl, Susie Lee. This is the second report of this culture within the Monument. Partially exposed underneath an overhanging ledge were fragments of a basket, Lino Gray olla, Lino Black on Gray bowl and a Mogollon smudged bowl. Our search revealed no indication of a site, but the cache could easily have been made by one of the previously reported Black Falls Basketmaker residents, only two miles away. The site has been designated NA 4311. Pottery was identified by Dr. M. S. Colton.

NPS Visitors: Mr. Sam Hendricks of the Regional Office was in to inspect road maintenance on the 15th. We had the opportunity to discuss our problems with him and go over the work done to date. Acting Superintendent and Mrs. Aubuchon of Wal ut Canyon paid us a brief visit on the 19th.

Dr and Mrs Colton, accompanied by Katahrine Bartlett, were out on the 26th of February to visit Black Falls Trading Post. The Museum is planning an exhibit of Western Navajo rugs later in August. Carleton Wilder, a former NPS man, is now a field director in the Red Cross working out of Reno, Nevada. He is in the Navajo reservation on special assignment and dropped by to spend the night with us.

Personnel: Mr. Robert C. Euler who worked here last year as temporary ranger has applied for the job again this summer. We shall be pleased to have him and Wanda back with us again.

Spring Flow: Again the spring flows increased with Wupatki Spring at 1200 gpd and Heiser at 2880.

Road Maintenance: It seems as though we go from one extreme to another on road conditions. Most of this month it has been dry and difficult to hold a road surface. Dust holes appeared and are being covered with cinder. A surplus roller was obtained from Grand Canyon and has been useful in packing the surface following any precipitation. The first nine miles of the entrance road are in very good shape, except for a few spots that require fill. Difficulty has been experienced with the wartime 6 ply tires originally furnished with the loader. Fabric would break under the additional weight- they were repaloed with 10 ply tires

General: The faulty hot water heater thermocouple was replaced, the old Servel in the ranger quarters required a new thermostat. General cleanup was continued. Revision of files is going ahead as time is available.

Protection: The exis ting cooperative fire fighting agreement with the Coconino has been revised and was submitted for approval.

David J. Jones
Superintendent

Remarks and Recommendations: A 3M 111 battery needle was discovered in the lower Yankee drainage by a Bonaire girl, Maria Lee. This is the second report of this relique within the Monument. Typically, antique underwater or overhanging lamps were fabricated of a bathtub, like they did, like Black or Tony Lund and a Tropical antique lamp. Our search revealed no indication of a site, but the needle could only have been made by one of the previously reported Blue Pelle Seventeenth projectors, all from other sites. The site has been designated 0 AIII. Delivery was identified by Mr. R. B. Tolson.

Site Visitors: Mr. Ken Hurley of the Regional Office was in in August and mentioned on the list. He had the opportunity to discuss our problems with Ed and go over his work. Note to date, having "Controbandsr and Mr. Edmondson of TAI at Tempus Pell is a total visit on the list.

Mr. and Mrs. Dickson, accompanied by Lorraine Dwelley, were met on the 20th of January to visit Black Pelle Seventeen Park. The Dickson is showing an artist of Western Wright Park Lake in August. Darlene Gibbs, a former CM man, is now a Park ranger in the Lake Lund Wright and at Lake Travis. He is in the Navy reservist in special assignment and hopes to be spent the night with us.

Personnel: Mr. Robert C. Scott was worked here last year as Tour Guide. Hopes the applicant for the job again this summer. He shall be glad to have Ed and Thomas Lane with us again.

Spring Time: Late the spring time Tourmaster with Wyatt Spring at (30) 224 Water St 2000.

Final Maintenance: It seems as though we go from one extreme to another in real weather. Part of this month is the hard dry and difficult to hold a good machine. Last Saturday and Sunday [illegible] with clear, a bright night was starting when Trend Tourn and the hard point is reading the weather indicating any precipitation. The first time night of the afternoon, rain was in her good shape, except for a few spots that require fill. Primarily the hard maintained with the service 2 ft line principally furnished with the leader. Tents would break under the additional weight. They were replaced with 10 ft line.

Lunch: The Pelly had water heater thermostats are replaced, the oil level in the engine crankcase required a new thermometer. Lunch cleaner was installed. Service of Mike is going about as this is available.

Projection: The main line cooperative line fighting agreement with the Lunchs has been revised and not submitted for approval.

David A. Jones
Superintendent

Enclosed
cy

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

March
Month

1940
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	1	4	2 hrs.
Ruins or Hist. House			
Other			
Total	1	4	2 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Windows	1	4	1/2 hr.
Headquarters	2	16	1/4 hr.
(Give Name or Type) Total	3	20	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Windows etc	22	137	1 hr.
(Give Name or Type) Total	22	137	1 hr.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	12	(Mail)	
Other			

221
Total Receiving Interp. Serv.

501
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
Popular Studies
Source Books

NAME Russell L. Mahan

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Contact work haphazard due to press of other work.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE P SE OF THIS FORM IS TO SECURE AN ACCURATE RECORD INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins National Monument
Name of Area

March
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Historic House~~	62	299	1 hr
Other Museum	106	426	½ hr
Total	168	725	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	61	½ hr each
Displays and Exhibits			
Replies to Inquiries			
Other			

725
Total Receiving Interp. Serv.

426
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	14
Popular Studies	
Source Books	

NAME Irving D. Townsend
Irving D. Townsend
TITLE Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	175	2331	55.6 Min.
Other	175	2331	22.5 Min.
Total	350	4662	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Museum		1030	
(Give Name or Type) Total		1030	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

4662
Total Receiving Interp. Serv.

3361
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	Out of print
Popular Studies	
Source Books	

NAME A.F. Bicknell

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain Nat'l. monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five of the			
principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

150
Total Receiving Interp. Serv.

~~XXX~~ 450
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	none
Source Books	

NAME Homer J. Parr

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) superintendent	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	4	19	71
Other			
Total	4	19	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	4	15	20
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	4	15	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

34
Total Receiving Interp. Serv.

19
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME George McNeil, Jr.

TITLE superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach roads in poor shape.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

March, 1949
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	2	10	3 hrs.
Walks or Hikes	1	35	2 hrs.
Ruins or Hist. House			
Other			
Total	3	45	5 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters Museum	30	1183	1/4 hr.
Massai Point	6	100	1/4 hr.
(Give Name or Type) Total	36	1283	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Massai Point Orientation Station	30	882	1/4 hr.
(Give Name or Type) Total	30	882	1/4 hr.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3		
Other			

2,165
Total Receiving Interp. Serv.

1,324
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Clair V. Cooke
Clair V. Cooke,
TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	28	95	37 Min
Other			
Total	28	95	17 Hrs

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

95*
Total Receiving Interp. Serv.

128
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
An additional 27 visitors, local residents, here to use telephone or on other business were also contacted.

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EXPLANATION OF TERMS USED

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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INSTRUCTIONS FOR FILLING IN THE FORM

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ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

MARCH
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station (Sunday)	4	350	10 mins
(Give Name or Type) Total	4	350	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	2		
ther			

350
Total Receiving Interp. Serv.

420
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Ted O. Sovers

TITLE Superintendent

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Montezuma Castle National Monument~~
Name of Area

~~March~~
Month

~~1949~~
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		~~1~~	~~2~~
emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther	~~82~~	~~351~~	~~1 hr.~~
Total	~~82~~	~~351~~	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Museum (not continuously attended)~~	~~1~~	~~505~~	~~15 min~~
~~Orientation (connected with conducted tour but information received by those not making tour)~~	~~1~~	~~211~~	~~10 min.~~
~~Exhibit Room (Montezuma Well)~~	~~1~~	~~134~~	~~15 min.~~
(Give Name or Type) Total	~~3~~	~~850~~	

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Sycamore Trail-Montezuma Castle~~	~~1~~	~~375~~	
~~Montezuma Well Nature Trail~~	~~1~~	~~388~~	
(Give Name or Type) Total	~~2~~	~~763~~	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	2	35	1 hr.
isplays and Exhibits			
eplies to Inquiries	4		
ther			

~~1964~~
Total Receiving Interp. Serv.

~~1437~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
5 page booklets
opular Studies
ource Books

NAME Homer R. Hastings

TITLE Supt.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary	None		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Mahan

TITLE Acting Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Approach roads closed by snow.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	2

MARCH
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other Accompany patrol	2	2	8
Total	2	2	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	5	46	2
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	5	46	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	28	1250	1
(Give Name or Type) Total	28	1250	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1308
Total Receiving Interp. Serv.

11619
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh,
TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary	1		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	Days NO.		
Monument Headquarters	28	1827 people in 563 parties	8200 Min. Total 14 Min. avg. per party.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	160	2 hours
Displays and Exhibits			
Replies to Inquiries			
Other			

1827
Total Receiving Interp. Serv.

2990
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Samuel A. King

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

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UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

March
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

Area Closed by Snow

Total Receiving Interp. Serv. _____

Total Number Visitors to Area _____

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE P[illegible]SE OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

[illegible]
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary	1		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~or Hist. House~~	344	1097	45 min avg
Other			
Total	344	1097	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Hdq Museum-office	31	2430	
(Give Name or Type) Total	31	2430	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks To Dons Club	1	500	15 min.
Displays and Exhibits			
Replies to Inquiries			
Other (Movie)	1	30	30 min.

3527
Total Receiving Interp. Serv.

[illegible]
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Lloyd [illegible]. Pierson
TITLE [illegible]rchaeologist.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			1 (thru noon, 3/20)

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	223	1,389	34.7 minutes
Other			
Total	223	1,389	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0		

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined information and interpretation service at registry desk or in museum. All visitors save run-arounds get this service	1	2,813	5 mins. aver.
(Give Name or Type) Total	1	2,813	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self-guiding museum and patio garden	2	2,806	20 mins. aver.
(Give Name or Type) Total	2	2,806	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3		
Other			

7,008
Total Receiving Interp. Serv.

2,923
(2,923)
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	none
Popular Studies	"
Source Books	

NAME Earl Jackson
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
* Visitor total includes 110 run-arounds.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
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CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

MARCH
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	ONE	ONE	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	295	948	21 mins.
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	290	926	22 mins
Orientation (Not connected with conducted trip)	150	540	5 mins
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3	(Correspondence)	
Other			

2414
Total Receiving Interp. Serv.

1100
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

Everett W. Bright

NAME Everett W. Bright,

TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WALNUT CANYON NATIONAL MONUMENT
Name of Area

MARCH
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One (part time)	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Overlook at Administration Building~~	~~84~~	~~233~~	~~20 min.~~
~~Museum~~	~~24~~	~~63~~	~~15 min.~~
(Give Name or Type) Total	~~108~~	~~296~~	

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Ruins trip into Canyon~~	~~21~~	~~54~~	~~50 min.~~
(Give Name or Type) Total	~~21~~	~~54~~	~~50 min.~~

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

296
Total Receiving Interp. Serv.

310
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME John A. Aubuchon
TITLE Park Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

White Sands National Monument
Name of Area

Report No. 9mS

March
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes		O	
Ruins or Hist. House		N	
Other		E	
Total			

TALKS	NO.		
Campfire		N	
Hotel or Lodge		O	
Museum (Not connected with conducted trip)		N	
Orientation (Not connected with conducted trip)		E	
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
	31	4,200	1/6
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	600	1 hr.
Displays and Exhibits			
Replies to Inquiries			
Other			

4,200
Total Receiving Interp. Serv.

8,577
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	NONE
Source Books	

NAME Johnwill Faris
TITLE Johnwill Faris, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

March
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	29	76	40
Other			
Total	29	76	40

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Malakihu Exhibit	20	61	5
(Give Name or Type) Total	20	61	5

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

139
Total Receiving Interp. Serv.

172
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE P[illegible]SE OF THIS FORM IS TO SECURE AN ACCURATE RECORD[illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

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ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

King

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

April 27 ~~May 11, 1949~~

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Chiricahua	G. V. Cooke	5/12/49	5/14/49
Saguaro	S. A. King	5/16/49	5/17/49
Tumacacori	E. Jackson	5-22-49	5-23-49
Organ Pipe Cactus			
Casa Grande	A. Bickwell	5/31/49	
Tonto		JUN 1949	JUN 7 1949
Tuzigoot	E. N. Bright	6-9-49	6-10-49
Montezuma Castle	John D. Cook	6-11-49	6-13-49
Walnut Canyon	H. Hastings	6-14-49	6-16-49
Wupatki	[illegible]	6/20	6/21/49
Navajo	[illegible]	6/24	6/29
Region Three Office--Mr. King			

(List No. 2.)

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

April
Month

1949
Year

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	1	28	5 hrs.
Other			
Total	1	28	5 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
	39	463	20 hrs.
Windows	5	16	1 hr.
Headquarters			
(Give Name or Type) Total	44	494	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	9	(Mail)	
Other			

810
Total Receiving Interp. Serv.

1817
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME

TITLE Bates E. Wilson
Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE [illegible] OSE OF THIS FORM IS TO SECURE AN ACCURATE RECO[illegible] ' INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

AZTEC RUINS NATIONAL MONUMENT
Name of Area

MARCH
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Hist. House~~	91	548	1 hr
Other Museum	172	865	½ hr
Total	263	1413	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1413
Total Receiving Interp. Serv.

865
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	68
Popular Studies	
Source Books	

NAME Irving D. Townsend

TITLE Supt

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
11 and 420

120909

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier Nat'l. Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

April
Month

1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	87	1049	80min.
Other			
Total	87	1049	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	22	519	30min.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	22	519	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Trails to Tsankawi Ruins~~		100	
(Give Name or Type) Total		100	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1668
Total Receiving Interp. Serv.

2213
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Fred W. Binnewies
Fred W Binnewies
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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120905

Section 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

April, 1949
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	one	one	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	2	20	1½ hr.
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	50	140	15 min.
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

160
Total Receiving Interp. Serv.

199
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Meredith M. Guillet

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Capulin Mountain National Monument
Name of Area

April
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five or the			
principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

none

400
Total Receiving Interp. Serv.

1,200
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	none
Source Books	

NAME Homer J. Farr

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

April
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	196	2616	52.8 Min.
Other	196	2616	23.1 Min.
Total	392	5232	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Museum etc.		1067	
(Give Name or Type) Total		1067	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	1		15 Min.
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

5232
Total Receiving Interp. Serv.

3665
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	Out of Print
Popular Studies	
Source Books	

NAME A.T. Bicknell

TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
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CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

April
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) Superintendent	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	23	56	79 mins
Other			
Total	23	56	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	19	48	18 mins
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	19	48	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

104
Total Receiving Interp. Serv.

56
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Irving McNeil, Jr.

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
All roads in, through and approaching Monument in better shape lately

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

April
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	1	2	1½ hrs.
Ruins or Hist. House			
Other			
Total	1	2	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters Museum	30	1303	1/4 hr.
(Give Name or Type) Total	30	1303	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Massai Point Orientation Station (Estimated)	30	868	1/4 hr.
(Give Name or Type) Total	30	868	1/4 hr.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2171
Total Receiving Interp. Serv.

1460
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Ray B. Ringenbach
Ray B. Ringenbach,
TITLE Park Ranger.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Superintendent and Ranger on leave most of month.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

EL MORRO NATIONAL MONUMENT
Name of Area

APRIL
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	33	84	1 hr.
Ruins or Hist. House			
Other	2	6	1½ hr.
Total	35	90	38 hr.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	12	29	20 min.
Other (Not connected with conducted trip)	19	27	10 min.
Total	31	56	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trail to ruins on mesa	4	8	1½ hr.
(Give Name or Type) Total	4	8	6 hr.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

154
Total Receiving Interp. Serv.

121
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME John A. Aubuchon
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Most parties were contacted by the family of Supt. Wilson, only those parties coming to the area since the 19 th have been met by the present Supt.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

April
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	14	49	39 Min
Other			
Total	14	49	9 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

49
Total Receiving Interp. Serv.

111
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Superintendent was at White Sands Natl. Mont. April 8-10 and on annual leave April 12-29 which accounts for low percentage of contact.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
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CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

APRIL
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station - Sundays and week days as work permitted.	5	741	10 mins.
(Give Name or Type) Total	5	741	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3		
Other			

741
Total Receiving Interp. Serv.

869
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ted G. Sowers

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

April
Month
1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	142	732	1 hr.
Other			
Total	142	732	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum (not continuously attended)	1	600	10 min.
Orientation (connected with conducted tour but information received by those not making tour)	1	320	10 min.
Museum (Montezuma Well)	1	214	15 min.
(Give Name or Type) Total		1134	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail (Montezuma Castle)	1	1000	
Nature Trail (Montezuma Well)	1	576	
(Give Name or Type) Total		1576	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks (Schroeder)	1		30 min.
Displays and Exhibits			
Replies to Inquiries			
Other			

3442
Total Receiving Interp. Serv.

2684
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME John C Cook

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE [illegible] OSE OF THIS FORM IS TO SECURE AN ACCURATE RECO[illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides..
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TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

APRIL
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			2/7

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans SANDAL TRAIL	9	38	1.75
Walking Hikes BETATAKIN	7	20	3.50
Ruins or Hist. House			
Other			
Total	16	58	5.25

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	8	48	1.4
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	8	48	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	8		
Other			

108
Total Receiving Interp. Serv.

60
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME J.W. Brewer
J.W. Brewer, Jr.,
TITLE Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

APRIL
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	6	147	8 hrs
Walks or Hikes	3	60	1
Ruins or Hist. House			
Other			
Total	9	207	

TALKS	NO.		
Campfire	3	159	3/4
Hotel or Lodge			
Museum (Not connected with conducted trip)	1	9	1
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	30	2340	1
(Give Name or Type) Total	30	2340	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2715
Total Receiving Interp. Serv.

12835
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

April
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary	1		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	Days NO.		
Monument Headquarters	31	1714 people in 541 parties	8460 min. to 15 min. average per party.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1714
Total Receiving Interp. Serv.

2924
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Samuel A. King

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Ranger Wilde spent latter half of month on forest protection program, was not available for headquarters duty.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

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"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

April
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	0	0
Temporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trailside Signs	201	603	05
(Give Name or Type) Total	201	603	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

603
Total Receiving Interp. Serv.

1507
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TONTO NATIONAL MONUMENT
Name of Area

April
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary	1		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	244	846	45 min avg
Other			
Total	244	846	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Hq Museum-office	30	2321	
(Give Name or Type) Total	30	2321	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other (Movie)	1	90	15 min.

3167
Total Receiving Interp. Serv.

2415
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Lloyd M Pierson

TITLE Acting Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Superintendent on annual leave.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

April
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	216	1,389	34.9 minutes
Other			
Total	216	1,389	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0		

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined information and interpretation service at registry desk or in museum. All visitors save run-arounds get this service.	1	2,677	5 mins. ave.
(Give Name or Type) Total	1	2,677	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self-guiding museum and patio garden	2	2,665	20 mins. ave.
(Give Name or Type) Total	2	2,665	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

6,731
Total Receiving Interp. Serv.

2,825
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	none
Popular Studies	"
Source Books	"

NAME Earl Jackson
Earl Jackson
TITLE Sup't

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Visitor total includes 148 run-arounds.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

APRIL
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	ONE	ONE	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	555	1215	21 mins
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	552	1610	21 mins.
Orientation (Not connected with conducted trip)	310	1060	5 mins.
Other (Not connected with conducted trip)			
Total	862		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	5	(Correspondence)	
Other			

4685
Total Receiving Interp. Serv.

2080
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Everett W. Bright
Everett W. Bright,
TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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eports
m3 and 9m3

MONTHLY ST ISTICAL REPORT OF INTERPRETIVE RVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

April
Month

1949
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	0	/	1
emporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at Administration Building	1	250	20 min.
Museum	1	125	
(Give Name or Type) Total	2	375	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into canyon	1	755	50 min.
(Give Name or Type) Total	1	755	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts	0		
alks	0		
isplays and Exhibits	0		
eplies to Inquiries	0		
ther			

1130
Total Receiving Interp. Serv.

1259
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	None
opular Studies	"
ource Books	"

NAME Homer T. Hastings

TITLE S upt.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Museum open to public only partt time due to limited funds for operating light plant.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Report No. 9m3

White Sands National Monument
Name of Area

April
Month

1949
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans		N	
alks or Hikes		O	
uins or Hist. House		N	
ther		E	
Total			

TALKS	NO.		
ampfire		N	
otel or Lodge		O	
useum (Not connected with conducted trip)		N	
rientation (Not connected with conducted trip)		E	
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
	31	8,500	1/6
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts		N	
alks		O	
isplays and Exhibits		N	
eplies to Inquiries		E	
ther			

8,500
Total Receiving Interp. Serv.

16,177
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	NONE
ource Books	

NAME Johnwill Faris

TITLE Johnwill Faris, Superintendent.

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tupatki National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

April
Month

1948
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	63	256	40
Total	63	256	40

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wupatki Exhibit	74	221	05
(Give Name or Type) Total	74	221	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits	3	75	3 5
Replies to Inquiries			
Other	6		

477
Total Receiving Interp. Serv.

550
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE [illegible] OSE OF THIS FORM IS TO SECURE AN ACCURATE RECO[illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

May 9, 1949.

MEMORANDUM for the Regional Director, Region Three.

The following is the narrative report for the Naturalists of the Southwestern National Monuments for April 1949.

Staff Activities, General

Naturalist Dale S. King and Archeologist Charlie R. Steen both were in the office for the month except that each took a one-day trip to Bandelier.

Interpretive Administration

King spent considerable time in editing and preparing for the printer a 42-page sales booklet for Montezuma Castle, which will be printed through the Director's Information Division at the Government Printing Office. This new series will replace the old 16-page booklets. The manuscript was finished on April 26, and illustrations and dummy in preparation at the end of the month ready for forwarding early in May. He also read proof on twofold leaflets for Saguaro and Arches, and re-submitted revisions for the walnut Canyon twofold. He facilitated arrangements to have 2,500 twofold leaflets sent from the Director's Office to Tumacacori, and answered several requests for detailed information concerning Inscription House, Keet Seel, and several other outlying areas.

Progress of Exhibit Plans and Projects

King forwarded to the field requests for PCP sheets on the following subjects: improvements of museum case lighting at Aztec Ruins, and preparation of a large wayside model of Montezuma Castle. He prepared a memorandum for the Regional Director, asking that small amounts be permanently set up in the .103 accounts for museum improvement and maintenance at Casa Grande, Aztec, Gran Quivira, Bandelier, Montezuma Castle, and Well, and Tonto. He corresponded with the Superintendents at Casa Grande regarding a proposal to perform museum improvement next autumn. He again renewed an old project of attempting to obtain casts, now stored in an eastern museum, of the stone lions at Bandelier.

Steen completed preliminary sketches of temporary exhibits for Gran Quivira. He hopes to complete the exhibits during May and install them.

Research and Observations

On Saturdays and Sundays, King revised the section on the cremation burial for the Walakihu report, necessitating a change in most of the footnotes, read copy on the appendices, and rough-drafted a new section, suggested by Regional Archeologist Reed, for the summary and conclusions. It is hoped that this report, after so long a delay, can be sent to the printer in May.

King forwarded to the field requests for PCP sheets for archeological exploration projects at Aztec Ruins, Montezuma Well, Gran Quivira, Bandelier, Canyon de Chelly, and Walnut Canyon.

Word was received from the Tree Ring Laboratory at the University of Arizona that a piece of wood from the Walnut Canyon stabilization activities last winter has been dated at 1256 A.D. -- probably the latest date thus far received from the area.

A kit for the preparation of birds and mammal skins was transferred to Canyon de Chelly for use in accumulating study collections.

Steen spent one day at Bandelier with Ranger Jim McIntyre in facilitation of McIntyre's archeological survey of the Otowi section.

Cooperative Activities

Steen sent a selection of photographs of Tumacacori Museum exhibits to the National Geographic Magazine for their use in preparation of a forthcoming article on the monument.

Loan Library

Accessions for the month totalled 119, including 14 books, 49 pamphlets, and 56 periodicals. The more important books received were:

Creer, Leland Hargrave -- The Founding of an Empire. (sub-title: The Exploration and Colonization of Utah, 1776-1896). Bookcraft, Salt Lake City, Utah, 1947.

Honigmann, John J. -- Culture and Ethnos of Kaska Society. Yale University Publications in Anthropology, No. 40. Yale University Press, New Haven, 1949.

Lavender, David -- The Big Divide (The Rocky Mountains from Yellowstone to Santa Fe) Doubleday and Co., Inc., Garden City, New York, 1949

Leighton, Alexander H. and Dorothea C. -- Gregorio, The Hand Trembler. Papers of the Peabody Museum of American Archeology and Ethnology, Vol. XL, No. 1. Reports of the Ramah Project, Paper #1. Cambridge, 1949.

Palmer, M. Laurence -- Fieldbook of Natural History. Whittlesey House, McGraw-Hill Book Co., New York, 1949.

Quaife, Milo Milton (editor) -- The Southwestern Expedition of Zebulon M. Pike. The Lakeside Press, Chicago, 1925.

Southwestern Monuments Association

King talked to representatives of Sawyer's and the Southwest Post Card Company regarding plans to manufacture View-master reels for Bandelier and Kodachrome post cards for various subjects.

He corresponded with Montezuma Castle, promising to issue a second edition of the Montezuma Well pamphlet (4,000 copies) by July 15.

Treasurer Vedder made two deposits and one disbursement, and mailed 165 covers, including 19 letters and 37 purchase orders. The increase in purchase orders -- 24 over last month -- is due to the quarterly inventory turn-ins received in April, at which time, requests for more books on low items are made. He spent much time posting inventory onto warehouse cards from the quarterly turn-ins, writing the superintendents regarding the turn-ins, and ordering.

On April 4, we obtained our own mail box at the Post Office. The number is 2011.

Visitors

Naturalist Harold Brodrick, Archeologist Joan Pinkley, Superintendent Sam King, Chief Ranger George Sholly, Dr. Verne Ray of the Anthropology Department of the University of Washington (whom King accompanied on a short trip to Bandelier and the University of New Mexico), and Mr. Norman S. Smith, influential in the preservation of historic sites near Providence, Rhode Island.

[illegible]

[illegible]

[illegible]

Wildlife Management

King forwarded to Organ Pipe Cactus a memorandum requesting preparation of PCP sheets to justify funds for developing several sources of water near the south boundary of the monument to prevent animals from leaving the area for the Sonoita River during dry seasons.

Conferences

Several discussions were had to arrive at a decision regarding roofing of the small kiva at Aztec Ruins. It is the consensus of Messrs. Reed, King, and Steen that no roof reconstruction should be installed until sufficient funds are available to consider the advisability of erecting a full-scale replica off site.

Ruins Stabilization

The Ruins Stabilization Manual, mostly by Gordon Vivian but with some additions by Reed and Steen, was assembled April 7. It reaches the respectful proportions of 267 pages of text and illustrations. It was circulated to the field and sent to the Director on April 13.

Stabilization at Casa Grande was terminated on April 6, due to lack of funds, and Archeologist Aid Rixey was moving equipment to Chaco Canyon at the end of the month.

Memoranda were written to Aztec, Bandelier, and Chaco Canyon, and Tumacacori, asking the Superintendents to initiate seeding operations this spring to attempt to obtain a grass sod in and around prehistoric and historic structures to reduce weed-chopping, provide a better landscape, and for preservation purposes.

Technical Aid to Administrators

One memorandum was drafted, refusing permission to a person who wished to harvest 50,000 pounds of saguaro fruit from Saguaro National Monument. Another memorandum was written to a Collaborator, requesting additional personal data.

Rating sheets were prepared on Rixey, Vivian, and Steen.

Projects for May

King will finish the Montezuma Castle booklet, prepare the Departmental and Southwestern National Monuments condensed reports,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

attempt to send the Walakihu report to the printer (if typing can be completed), take two days of annual leave to facilitate photography of Santa Clara pottery-making and Pueblo life for the Southwestern Monuments Association, and may be able to break loose late in the month for a proposed swing through Arizona monuments.

Steen will spend practically the whole month on the preparation of a temporary exhibit for Gran Quivira.

SIGNED

Dale S. King,
Naturalist.

APPROVED FOR DISTRIBUTION:

SIGNED
Regional Director

May 10, 1949.

cc: Mr. Davis (2)
Mr. Dodge (2)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches National Monument
Moab, Utah.

April 29, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a Narrative Report of activities in Arches National Monument for the month of April, 1949.

GENERAL: On April 11 Russell Mahan left for permanent duty as Superintendent of Colorado National Monument, leaving Ranger Earl Worthington incharge of this area. On April 19 I arrived from El Morro and am just recovering from the confusion and headache of moving.

WEATHER: Cold rain fell for a solid week, March 27 through April 2, and during the latter part of April we have had three days of high winds. For these thick-blooded guys from El Morro the weather seems quite hot at present, but I understand that it is not unusaul.

TRAVEL: An all-time record for anysingle travel month was set during this reprot period bythe arrival of 1617 visitors in 539 cars. Twenty-six states, Alaska, Cuba and Canada were represented. The The heaviest travel for one day occurred on Easter Sunday when 792 people spent the day in the area.

INTERPRETIVE SERVICE: Contact time amounted to 30 hours in which 510 visitors were given information about the area by Ranger Worthington.

GRAZING: Apparently the Westwood grazing problem has been settled, which, thanks to Russell Mahan, is a great load off my mind.

SPECIAL ACTIVITIES: A Firefighters Training Meeting for Grand and SanJuan counties was attended April 22 by Ranger Worthington and this Superintendent. On April 26, I accompanied a group of Moab businessmen and Grand County Officials to Crescent Junction, where we met StateOfficials and located sites for two large signs(10'X 40') on US Highway #50. The signs are to be placed on each side of the junction of US #160 & US #50 and will direct traffic into the Arches and Moab areas.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches National Monument
Moab, Utah.

April 30, 1942

Memorandum for the Regional Director, Region Three.

There follows a Monthly Report of activities in Arches National Monument for the month of April, 1942.

GENERAL: On April 11 Darrell Nelson left for permanent duty as superintendent of Colorado National Monument. Shortly thereafter Carl Hutchinson became of this area. On April 16 I arrived from Zion and am just recovering from the confusion and mistakes of moving.

WEATHER: Total moisture fell for a solid week, much of it through April 6, and during the latter part of April we have had three days of high winds. For those wind-blended days from 11 during the winter-even quite hot as present, but I understand that is not unusual.

TOURIST: An all-time record for monthly travel month was set during this report period with arrival of 1417 visitors in six days. Twenty-six states, Alaska, Cuba and Canada were represented. The heaviest travel for one day occurred on Easter Sunday when 79 people spent the day in the Park.

INTERPRETIVE ACTIVITY: Service time expected to be being in which all visitors were given information about the area by Rangers Hutchinson.

GENERAL: Apparently the restored grazing problem has been settled. Water, which is Darrell notes, is a great land gift of God.

SPECIAL ACTIVITIES: A firefighters training involving fire-fraud and backfire methods was attended April 23 by Rangers Hutchinson and this Superintendent. On April 24, I accompanied a group of Park Rangers and Grand County officials to Grand Junction, Colorado, to set Thermofilm and lighting sites for the large explosion on 29 Mesa. The night was to be planned on each side of the junction of 15 and 6-50 and will cause traffic into the Park and Park area.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NEWSWORTHY VISITORS: Jack Breed of Tucson Arizona, prominent writer and photographer, arrived April 22 to photograph Monument Canyon. He was packed in by Roy Holycak, local cattleman, and accompanied by Bill Lane of Boston Mass, Russell Mahan, Colorado Nat'l. Monument, and Earl Worthington, Arches National Monument. Extensive preparation were made for the trip by packtrain and the trip into the canyon was a rough one. However on the bench above Monument Canyon the party worked out a small landing strip on which two local pilots from Moab landed Piper Cubs April 25.

NPS VISITORS: Willard Bradley, completing work on Boundary Survey. Bill Bowen, Gran Quivira. Unofficial visit. I missed him both at Headquarters and in the Monument. Russell Mahan. Unofficial visit. Accompanying Jack Breed on Monument Canyon trip. Geralled him in the office for half a day.

Bates E. Wilson
Bates E. Wilson,
Superintendent.

Page No. 2.
Arches National Monument

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

25 April 1949

MEMORANDUM for the Regional Director,
Region Three, National Park Service.

There follows the report of activities in Aztec Ruins for April 1949.

WEATHER. This and travel have been going hand in hand, both getting better. The generally bright and warm days have brot an increase in April's visitation of 32% above April of last year. We have had only a slight amount of precipitation and the temperature reached a high of 85.

INSPECTIONS. Carl Alleman, Architect, visited the area April 4-5, and completed plans for rearrangement of shrubbery in the museum area and at the residential area. Dr. Nusbaum was in Saturday 16th to inspect various Pueblo artifacts in storage.

MAINTENANCE. Some work on our boundary fence was done, but the removal and transplanting of shrubbery has taken much of our time. The considerable increase in visitation and the absence of Ranger Onstott has not allowed us to do as much as anticipated toward the "face lifting" of this area.

Continued heckling of our building contractor is gradually bringing about the completion of small jobs left incomplete in the recently constructed residence.

RUINS STABILIZATION. Gordon Vivian, archeologist, with a small crew, have been busy in the East Ruins repairing walls and proping second floor structures that have begun to fall away. A separate report is attached as submitted by Vivian.

INTERPRETIVE SERVICES. There were 548 visitors in 91 parties conducted thru the ruins and 865 visitors in 172 parties shown thru the museum.

One lecture was presented by Ranger Onstott to a group of 85 members of the District Home Demonstration Women's Federated Clubs while in State Conference at Aztec. Colored film was used to illustrate the 45 minute lecture.

INCREASE IN TRAVEL. There were 281 more people this April than last, totaling 865 who arrived in 235 cars from 27 states, D.C., Alaska, Canada, Canal Zone, Denmark and England. With March 20% and April 32% ahead of last year we are anticipating a very heavy increase in visitation this summer. We hope we may have the man-power to handle it properly.

Irving D. Townsend,
Superintendent.

AZTEC

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Aztec Ruins National Monument
Aztec, New Mexico
April 25, 1949

MEMORANDUM for the Superintendent,
Aztec Ruins National Monument.

Following is the narrative report of Mobile Unit activities in your area during the past two weeks.

Archeologist Steen and I arrived at the Monument on the morning of the 6th. Steen left the next day on the 7th and I began to set up a camp which was occupied Saturday the 9th. The following Monday, the 11th, we began limited stabilization of the unexcavated East Ruin with 3 laborers.

The purpose of this stabilization on the East Ruin is to preserve the ceilings in numerous below ground open rooms. Many of the larger ceiling beams are broken due to excessive weight of the overburden while almost as much damage has been caused by pot-hunters either in breaking through walls which support these ceiling beams or sawing off portions of the beams themselves.

The following conditions were found and progress made to date:

P-1. A large room with 5 sets of ceilings beams arranged in groups of 3. A small amount of debris was removed and supports placed under the 2 worst breaks. Both supports are set on small concrete bases. One support contains a permanantly installed jack.

P-2. A small room with one central viga in excellent condtions. The north wall, under one end of the viga, had been broken out by pot-hunters. The viga and ceiling settled and the room three quarters filled with debris.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Aztec Ruins National Monument
Aztec, New Mexico
April 25, 1940

19

MEMORANDUM for the Superintendent,
Aztec Ruins National Monument.

Following is the narrative report of public work activities in your area during the past two weeks.

Archaeologist Steen and I arrived at the Monument on the morning of the 6th. Steen left the next day on the 7th and I began to set up a camp which was occupied Saturday the 9th. The following Monday, the 11th, we began limited stabilization of the unexcavated East Ruin with 3 laborers.

The purpose of this stabilization in the East Ruin is to preserve the ceilings in numerous below ground open rooms. Many of the larger ceiling beams are broken due to excessive weight of the overburden while almost as much damage has been caused by pot-hunters either in breaking through walls which support these ceiling beams or sawing off portions of the beams themselves.

The following conditions were found and procedure made to date:

I-1. A large room with 3 sets of ceiling beams arranged in groups of 3. A small amount of debris was removed and supports placed under the 3 worst areas. Such supports are set on small concrete bases. One support contains a permanently installed jack.

I-2. A small room with one central vigas in excellent condition. The north wall, under one end of the viga, had been broken out by pot-hunters. The viga and ceiling settled and the room three quarters filled with debris.

The overburden has been removed and the debris inside the room partially cleared to allow working space. Temporary jacks are in place and the ceiling raised to near its original level. Permanant supports will be put in place and the broken wall repaired shortly.

P-3. An adjoining room. Here one third of the central beam had been sawed off and removed. The ceiling settled till one side of it rested on debris which had come through the broken east wall. Half of the north wall of the below surface room had been broken out to gain access.

The ceiling was temporarily supported and the overburden removed. Following this the ceiling was raised to near its original level and most of the debris in the lower room taken out. One permanant support has been set in place and 2 more are being made. The broken north and east walls have also been repaired. Material is on order for a protective covering for these adjoining rooms, P-2 and P-3 and this will be put in place as soon as it is recieved.

Gordon Vivian
Archeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

April 29, 1949

Memorandum for the Regional Director, Region Three

There follows a report of the activities at Bandelier National Monument for the month of April, 1949.

Weather

Winter had a last fling early in the month with 3 inches of snow falling on the first and 5 inches on the tenth. Temperatures ranged from 10 above zero on the second to 85 degrees on the twenty third. The bad weather with resulting poor roads reduced travel during the first of the month but it picked up rapidly with the better weather after the tenth.

Special Activities

The Superintendent attended the Inter-Regional Fire Control Training Conference at Grand Canyon from April 4 to 8. It was a very fine conference and many specific recommendations were decided on for the general improvement of National Park Service fire control.

Maintenance

The painting of the comfort stations was completed during the month and they are ready for the summer season.

A pre-dishwasher, that was acquired from surplus at Los Alamos, was installed in the Lodge kitchen. It is to take the place of a third sink as required by the Public Health Service. The water was turned on in the cabins in preparation for opening them on the first of May and vents were installed on the kitchen ranges to remove fumes and grease vapors. The dining room patio was painted and white stripes were painted on steps in the patios and dining room to provide better visibility.

All of the trucks that were received from army surplus were repainted dark green which improves their general appearance considerably.

Approach Road

Poor weather during the first part of the month made the approach road rough and soft in spots. As soon as it dried out sufficiently it

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

April 7, 1949

Memorandum for the Regional Director, Region Three.

Subject: Monthly report of the activities at Bandelier National Monument for the month of April, 1949.

Weather

Weather had a near flying week in the month with 3 inches of snow falling on the 23rd and 2 inches on the 24th. Temperatures ranged from 10 above zero to the around 60 degrees on the twenty sixth. The maximum with precipitation of 2 or more inches occurred during the first of the month but it blows up rapidly with the better weather after the 24th.

Special Visitors

The superintendent attended the Inter-Regional Fire Control Training Conference at Grand Canyon from April 4 to 6. It was a very fine conference and many specific recommendations were decided on for the general improvement of National Park Service Fire control.

Maintenance

The painting of the outlet stations was completed during the month and they are ready for the summer season.

A pre-dismantler, that was received from surplus as has always, was installed in the Lodge kitchen. It is to take the place of a third cook as required by the Public Health Service. The water was turned on in the cabins in preparation for opening them on the first of May and repairs were installed on the kitchen ranges to remove fumes and create vapors. The dining room patio was painted and white stripes were painted on steps in the patios and dining room to provide better visibility.

All of the trucks that were received from army surplus were repainted dark green which improves their general appearance considerably.

Surplus Land

Poor weather during the first part of the month made the approach road rough and soft in spots. As soon as it dried out sufficiently it

was graded, the ditches were cleaned, culverts opened and it was put in generally good condition.

The heavy Caterpillar no. 12 grader was traded to Grand Canyon for a smaller Caterpillar no. 212 unit. The lighter grader seems to be adequate for our use although heavy ditching and scarifying will be a little slower.

Trails

The ruins trails were worked over and smoothed in preparation for summer use. Several rungs in ladders used to provide access to some of the ruins were replaced and a dangerous narrow spot in the trail along the cliffs was widened by cementing in some flag stones.

Concessioner

Mrs. Frey, the manager of Frijoles Canyon Lodge, returned to the canyon the last part of the month and got the lodge ready for opening on May 1. She was able to accommodate a few visitors on week ends by serving sandwiches and coffee to those who came to the area without a lunch.

Interpretive Service

87 conducted tours that were attended by 1049 visitors were taken through the ruins during the month. Other contacts brought the total receiving interpretive service to 1668 for the month.

A special program of motion pictures and a short talk was given to more than 300 boy scouts and leaders on the evening of April 23.

Travel

Travel was down a little from April of last year due to the bad weather during the first of the month. A total of 2213 visitors came to the area as compared with 2471 for April, 1948.

The northern Rio Grande districts of the Boy Scouts held a Cliff-dwellers Pow Wow in the area on the 22 and 23. It was attended by over 300 scouts, senior scouts, and leaders.

Visitors

NPS visitors included Frank Childs, Regional Forester, Region Two; Fred Arnold, Regional Forester, Region One; Charles Humberger, Chief Ranger, Isle Royal NP; and Ernie Field, Asst. Chief Ranger, Rocky Mt. National Park.

was graded, the ribbons were cleaned, relaxation opened and it was put in generally good condition.

The heavy Interpilot no. 11 grader was loaned to Grand Canyon for a smaller Interpilot no. 112 unit. The lighter grader seems to be adequate for our use although heavy attention and modifying will be a little slower.

Trails

The rules trails were worked with and assisted in preparation for summer use. Several maps in Indian land to provide access to some of the rules were replaced and a descriptive marker was in the trail along the cliffs was replaced by removing in some flag stones.

Land Adjustments

On May, the Director of Arizona Game Commission, returned to the region the land part of the south and put the Indian Peoples for grazing on May 1. The out also to accommodate a few visitors on west side by erecting enclosures and offer to place one home in the area allowed a lease.

Interpretive Services

Of outdoor Lodge and were attended to July visitors who came through the park during the month. Other visitors brought the total receiving interpretive service to 1,668 for the month.

A special program of radio pictures and a short talk was given to more than 300 boy scouts and leaders on the evening of April 23.

Travel

Travel was down a little from last year's low due to the bad weather during the first of the month. A total of 2,112 visitors came in the park on conducted air tour for April, 1948.

The northern Ute Tribal Activity of the Ute Tribe held a Tribal-Business the tour to the area on May 21 and 22. It was attended by over 300 people, mostly Utes, and leaders.

Visitors

400 visitors included from Blanding, Regional Director, Utah Div. Fred Arnold, Regional Director, Region Two Indian Services, Duane Sager, Jack Ryan, Ry and Uinta Plain, Ex. Under Secretary Chapman, National Park.

Forest Fire Protection

Lightning storms started three fires in the Monument, two of which occurred on the 18th. and one on the 27th. All of the fires were one tree in size and two of them were rained out after crews had started to them. The fire on the 27th. was in the edge of the blow-down area and caused considerable concern due to a moderately strong wind but fortunately a rain stopped it before it could gain any headway.

Fred W. Binnewies

Fred W. Binnewies
Superintendent

Forest Fire Protection

Lightning storms started three fires in the mountains, two of which occurred on the 13th, and one on the 27th. All of the fires were on the Pine Ridge and for it been well nigh impossible to gather crews for control purposes. The fire on the 27th, and in the edge of the Bluewater area did cause considerable damage due to a southerly strong wind but fortunately a rain dampened it before it could gain any headway.

Fred C. Blanchard
Superintendent

Canyon de Chelly National Monument
Chinle Arizona

April 25, 1949

MEMORANDUM for the Regional Director, Region three

The following is a report of activities at Canyon de Chelly National Monument during April, 1949.

Weather Conditions

April this year has been a beautiful month. The high winds have passed us up so far and most of the days have been nice. During the period we had a high temperature of 86 degrees on the 24th and a low of 20 degrees on March 30. The water in the canyons is running high but due to cool nights in the higher country the runoff has been more gradual than expected. The crest of the run-off has not yet been reached and water has almost reached the level of the approach road near Garcia's store.

Administration

One trip was made to Gallup for supplies. Administrative duties are current although filing is getting behind.

Maintenance

A greater part of the time of both the Superintendent and Park ranger has been spent in maintenance work. The roads have been worked and graded from headquarters to Spider rock. White house trail has been worked and repaired from top to bottom. Doors, and screens have been repaired at headquarters, work has progressed on several new signs, one coat of outside paint has been given the ranger quarters, New heavy screen has been installed on the Pump house, and general maintenance of equipment and physical improvements.

Soil and Moisture

High water began damaging the new plantings at White house so the trail crew under the supervision of Ranger Morris was put to work there. Large Cottonwood trees which were being removed from Joe Carrolls field were used and have worked wonders in diverting the channel and protecting work done last fall. Only slight damage has been done at Antelope house but work will be undertaken there when practicable.

Travel

Travel has been a little heavier than usual though much of the

Report to Chief, National Museum
Phoenix, Arizona

April 27, 1942

Superintendent for the National Monuments, Southern Area

The following is a report of activities at Tuzigoot National Monument during April, 1942.

Weather Conditions

April this year has been a beautiful month. The high winds have passed on up or far and most of the days have been nice. During the period we had a high temperature of 86 degrees on the 24th and a low of 21 degrees on March 31. The water in the canyon is running high due to cool nights in the higher country; the runoff has been gradual than expected. The crops of the ex-CCC has not yet been touched and water has almost reached the level of the irrigated fruit near Clarkdale's store.

Administration

The City has been in Office for repairs. Administrative duties are carried already fitting in getting behind.

Maintenance

A greater part of the time of both the Superintendent and Park Ranger has been spent in maintenance work. The grass has been raked and graded from Headquarters to Visitor trail. Other house trail has been worked and regraded from top to bottom. Trees, and mesquite have been replaced at headquarters, work has progressed on several new signs, the start of erosion gates has been given the ranger quarters, the lawn mower has been installed on the Ranger house, and general maintenance of equipment and physical improvements.

Trail and Stairways

High water began damaging the new planting at Tuzigoot on the trail over water the superintendent of Tonto Monuments was put to work again. Large fortunately trees which were being removed from the Verde trail were used and have worked wonders in diverting the channel and protecting work done last fall. Only slight damage has been done at Montezuma Tower but work will be undertaken there when practicable.

Travel

Travel has been a little heavier than usual though most of the

area has been inaccessable. Practically all interpretive work has been in headquarters contacts. Roads have been good which helps boost travel.

General

Joe M. Carroll, who we work as an intermittant laborer was elected as delegate to the tribal council from this district by an overwhelming vote. This is the first time a "Canyon" Navajo has been chosen and Joe is a good man as well as a friend of the Park service.

Fire Protection

On April 12, the Superintendent attended a meeting of cooperatives at Keams Canyon with Personnel representing the Indian Service and Forest Service.

Visitors

Twenty six members of the Geology Department from Nebraska University.

Government Publications

2-fold leaflets...GDC....7, 875
Map Folder nO. 6..... 75

Meredith M. Guillet
Superintendent

are has been successful. Practically all transportation cost has been in handpacking workers. Much have been good which helps keep morale.

General

Mr. H. Darrell, who is working in Indonesia before was elected as delegate to the tribal council from this district by an overwhelming vote. This is the first time a "Dayak" lady has been elected but she is a good man as well as a friend of the girl workers.

Trip Indonesia

In April 19, the Presbyterian sponsored a meeting of representatives at Pasar Lugun of 8 Protestant organizations the Indon. Service and Church Service.

Malaya

Study all members of the Malay Department (Pak Ngeng) relatively.

Personnel Publication

Infoh Institute.....7, 97
Mr Tuhar ac. 1..... 12

Respectfully S. Tullis
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~COOLIDGE, ARIZONA~~
Capulin, New Mexico

April 25, 1949

MEMORANDUM for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico

There follows the narrative report for Capulin Mountain National Monument for the month of April, 1949:

Visitors: There were about 1,200 visitors to Capulin Mountain National Monument during the month of April, making a total of seven thousand eight hundred for the travel year and twenty seven thousand six hundred visitors for the fiscal year.

Weather: Typical mild spring days have prevailed during the month, with some wind and about one inch moisture, including light snow and rain, has been recorded.

Flora and Fauna: The anemones, our true harbinger of summer weather are in full bloom now, and the hillsides are covered with them. Deer and other wildlife in the Monument area are in fine condition, but are managing to keep fairly well out of sight so far this spring.

Roads and Trails: Roads and trails are in excellent condition now, for the many expected summer visitors.

Information Pamphlets: No information pamphlets have been distributed during the month of April. Have about seven hundred on hand.

Very respectfully,

Homer J. Farr
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

April 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for April 1949:

General: Most of the visitors are now complaining of the heat and although we tell them that they haven't seen anything yet we've been getting a little warm ourselves lately. The cactus are all late in blooming, presumably due to the harsh winter and this has disappointed a good many people who came down just for the cactus display. Predictions were for the best flower display since the spring of 1941. The irrigation pumps are now pumping day and night but there shouldn't be the acute water shortage that we had last summer. Due to the better water prospects every bit of land is under cultivation and this will be detrimental to the water situation.

Weather: This month has produced a great variation in temperatures from rather cold weather in the early part of April to good hot summer weather at the present time. The maximum was 102 with a low maximum of 53 and a minimum of 31. We had .18 inches of rain.

Visitors: April 1949 - 3683: April 1948 - 3238: Travel year to date 1949 - 23,223: Travel year to date 1948 - 28,013. This month shows a gain of 445 people over April of last year. This is the first month of 1949 to show a gain over last year. We have had an increase of school groups this year and this largely accounts for this month's heavier travel.

Interpretive Services: Of the 3683 visitors to the area, 2616 made the trip to the ruins in 196 groups averaging 52.8 minutes per trip. 1067 people were here for a quick look but did not go through the ruins.

N.P.S. Visitors and Visitors of Note:

March 26 - Assistant Chief Ranger and Mrs. Leon Evans of Yellowstone National Park.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

April 29, 1940.

Superintendent
Indian Service.

There follows the monthly report for Casa Grande National Monument for April 1940:

General: Most of the visitors are now congregating at the Lost Lake although we tell them that they haven't seen anything yet we've been getting a little rain occasionally. The cactus are all late in flowering, probably due to the latch winter and they has disappointed a good many people who came down just for the cactus display. Evaluations may for the Lost Flower display since the opening of 1941. The hedgehog cacti are just coming out and look very pretty. The Ocotillos are beginning to show green which is the last resource. The Ironwood will probably every 10 or 15 and is under evaluation and this will be incorporated in the monthly statistics.

Weather: This month has produced a great variation in temperatures from fairly cold weather in the early part of April to some hot weather at the present time. The maximum was 112 on a few occasions of 80 and a minimum of 41. No snow, no frost, no rain.

Visitors: April 1940 - 2922: April 1939 - 2224: Showed year to date 1940 - 8,120: Showed year to date 1939 - 8,221. This month shows a gain of 698 people over April of last year. This is the first month of 1940 to show a gain over last year. We have had no Canadian or Mexican groups this year and this largely accounts for this month's service level.

Interpretive Service: Of the 2922 visitors to the ruin, 1818 were fed daily in the ruins in 180 groups attending the daily conducted trips. Most people were here for a quick look and did not go through the ruins.

A.J.A. Visitors and Visitors of Color:

Based on a - estimate color Groups are few. Less than of colored visitors without guide.

March 30 - Assistant Director Tolson and Regional Director Tillotson.

April 8 - Dr. and Mrs. F. W. Hodge, Director of the Southwest Museum.

April 10 - Assistant Regional Director Davis and Chief Clerk Castellum.

April 11 - Group of 25 High School students from Casa Grande, Arizona.

April 16 - Mechanic D. B. Howeth of Grand Canyon National Park was in to pick up a bituminous kettle.

April 18 - Mr. and Mrs. Seidenfeder of the Danish diplomatic service.

April 21 - Group of 27 8th grade students from Phoenix, Arizona.

April 22 - Group of 37 members of the L.D.S. Church from Salt Lake City, Utah, were here in a chartered bus. Our local radio station, KGKY, interviewed some of these people and a wire recording was later broadcast from the station.

April 23 - A Unitarian Church group from Phoenix, Tucson and the vicinity held a picnic and meeting in the picnic grounds.

April 24 - Group of 15 Future Homemakers of America from Yuma, Arizona.

Administration and Protection: Adamsville ruin was inspected for vandalism. Six requests for information were answered. A surplus adding machine was received from Lake Mead Recreational Area and was immediately assigned to Tumacacori National Monument at the request of the Regional Office.

Museum Activities: Work is progressing slowly but steadily on the preparation of display panels for our multiplex unit. The panels being prepared now will feature the National Parks and Monuments of the Southwest.

Maintenance: The maintenance man was in the hospital for 15 days so little has been done. The Superintendent, ranger and archeologist kept the area well policed and in good condition during his absence. Since the maintenance man returned to duty he has repaired the Arches tractor and made repairs on the sewer pump. Further work was done on the coolers in preparation for summer weather.

Ruins Stabilization: The stabilization work was forced to shut down on April 8, due to lack of funds. We feel that they accomplished a great deal and that stabilization technique of caliche ruins has been furthered considerably through the experiments of Mr. Rixey.

March 30 - Assistant Director Tulga and Regional Director Tillotson.

April 8 - Dr. and Mrs. F. E. Hakes, Librarian of the Southwest Museum.

April 10 - Assistant Regional Director Davis and Chief Clark Goodelman.

April 11 - Group of 25 High School students from Lake Arrowhead, California.

April 14 - Mountain B. S. Church of Grand Canyon National Park was in to plot up a situation there.

April 15 - Dr. and Mrs. Leisterfeder of the Peking diplomatic service.

April 21 - Group of 27 Boy Scouts whether from Phoenix, Arizona.

April 22 - Group of 27 members of the L.D.S. Church from Salt Lake City, Utah, were here in a chartered bus. The local radio station, KSWT, interviewed some of these people and a very worthwhile was taken transcript from the station.

April 23 - A Catholic Church group from Phoenix. There met the visitor held a picnic and meeting in the picnic grounds.

April 24 - Group of 14 Prince Tuscaloosa of Amerika from Tucson, Arizona.

Administration and Personnel: Absenteeism was important for vacations. No requests for leave-without-pay occurred. A surplus mailing machine was received from Lake Mead National Park and was immediately assigned to Tuscaloosa National Monument as the property of the Regional Office.

Energy utilization: Work is progressing slowly but steadily on the preparation of mining claims for our mobilize work. The permit being processed now will feature the Petrified Forest and Monument of the Southwest.

Maintenance: The maintenance men are in the hospital for 15 days so little has been done. The Superintendent, Foreman and Automobile Mgr. the men well pulled and is good condition having six elements. Since the maintenance men returned to duty he has repaired the Museum Quarter and made repairs on the Lamar Jeep. Further work was done on the cabins in preparation for summer months.

Safety Statistics: The statistics were not turned in this month on April 5, due to lack of funds. We feel that they certainly have a good fact and that statistics resulting of safety rules has been furthered considerably through the experiments of Mr. Stern.

It is regretable that the money ran out when they were so near completion. Archeologist Aide Rixey stayed on another week and did some needed repair work on Compound A, such as installing tile drains through some of the walls and re-capping a couple of bad spots. The Rixeys left here April 19, to return to Chaco Canyon National Monument via Walnut Canyon.

Nature Notes: So far the bats have not made their appearance in the numbers that we had expected. Bat flights have been rather sporadic with only small numbers leaving the ruins. The bats will probably be back in full force though before long. Various birds such as the Palmer Thrasher, Western Mourning Dove and Cactus Wren are nesting on the monument. Only a few of the cactus in front of the Administration Building have bloomed so far but the prospects look good.

A.T. Bicknell,
Superintendent.

A.T. Stevens,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

April 28, 19 49

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of April, 1949.

There were 56 visitors who came into the area this month. They came in 23 automobiles from the states and province of:- California - 1 car, 2 visitors; Colorado - 3 cars, 7 visitors; Illinois - 2 cars, 4 visitors; Massachusetts - 1 car, 2 visitors; Minnesota - 1 car, 2 visitors; New Jersey - 1 car, 2 visitors; New Mexico - 12 cars, 34 visitors, Pennsylvania - 1 car, 2 visitors and Quebec - 1 car, 1 visitor. All 56 took a trip through the ruins, and formed 23 parties. 19 groups, 48 persons in all, stayed in the museum a while. The superintendent spent a total of 35 hours and 55 minutes with these people.

Except for April Fool's Day, when we awoke to find a foot of snow on the ground, the weather has been very agreeable. The warmest was 84 degrees Fahrenheit on the 23rd of the month, and the coolest was 20 degrees on April 15th. There was a total of 1.05 inches of precipitation.

The water connections, cut off and covered for the winter, have been connected and opened.

The north approach road has been graded by the county, and is in good shape. Nearly all of the Monument roads have been graded, the rocks taken out, and are in good shape too.

Since the 16th of March, through the courtesy of the Soil and Moisture Division, 15,000 peachleaf willows and 25,000 sand bar willows have been planted. As the crew finished the job, they were terminated. However, on the mesa the tractor driver is cutting small diversion dams.

One light plant was in town for repairs. Before it could be repaired, the other one broke down and had to be taken to town for repairs. This time, the pulley wheel pin was broken into small bits, but before it was completely lost, it pretty thoroughly chewed up the drive shaft.

A new roof was put on one of the residences.

National Park Service visitors included Gordon Vivian. Archaeologist Aide Rixey returned to the Canyon on April 21, but has now returned to Arizona for another load of materials.

Projects for the ensuing month:- finish the job on the hill, hope the permanent ranger arrives and get things squared off for the summer season.

Irving McNeil, Jr.
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument,
Dos Cabezos, Arizona.

April 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for the month of April, 1949.

Weather. .91 of an inch of moisture was received and most of that fell in the first ten days of the report period. An inch and a half of snow was received on the 1st followed by high winds and slight precipitation. Maximum temperature of 86 degrees was received on the 25th and a low of 24 degrees recorded for March 30.

Communications. The Travis-Jefferson radio set which has been in Tucson for installation of crystals and general maintenance was returned this week and contact with Saguaro and Organ Pipe will be resumed.

Approaches to Monument. The State of Arizona has again resumed work on the oiling of Highway 181. This four mile stretch from the monument boundary to the Willcox-Douglas junction was carried over from last year's program and will be completed in about ten days.

The Forest Service made their annual grader trip this month and the Cave Creek-Rodeo approach road is again opened to travel.

Pipe line construction on the Bowie approach road is nearing completion and normal travel is expected soon.

Maintenance. One laborer worked throughout the month on the monument trails and on Bonita highway and one trip with the grader was made over the complete road system. The diesel grader was received from White Sands during the month and should be a big help.

Personnel. Ranger Ringenbach was on annual leave from April 4 to 24 during Mrs. Ringenbach's hospitilization for appendicitis.

Superintendent Cooke entered on sick leave on April 14. Mel also had his appendix removed in an emergency operation and is reported as doing fine.

Travel. Total number of visitors to area was 1,460. This is a slight decrease as compared to April, 1948, but travel to date continues in excess of 1948 figures.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Guadalupe Mountains National Monument,
Dog Canyon, Alamo.

April 28, 1949.

Memorandum for the Regional Director, Region Three.

There follows a report of activities at Guadalupe Mountains National Monument for the month of April, 1949.

Weather. .91 of an inch of moisture was received and most of that fell in the first ten days of the report period. An inch and a half of snow was received on the 1st followed by high winds and slight precipitation. Maximum temperature of 88 degrees was received on the 25th and a low of 24 degrees recorded for March 30.

Communications. The Trans-Jefferson radio net which had been in Guadalupe for installation of crystals and general maintenance was returned this week and contact with Sequoia and Orange Pipe will be resumed.

Approaches to Monument. The route of Highway 180 has again resumed work on the oiling of Highway 62. This four mile stretch from the monument headquarters to the Hillsor-Dunlap junction was surfaced over from last year's program and will be completed in about ten days.

The Forest Service made their annual project trip this month and the Dog Canyon-Dodge approach road is again opened to travel.

Pipe line construction on the Dodge approach road is nearing completion and normal travel is expected soon.

Maintenance. Our laborer worked throughout the month on the monument trails and on Smith Ridge and one trip with the grader was made over the Dodge road approach. The diesel grader was received from Fort Worth during the month and should be a big help.

Personnel. Roger Hagenbach was on annual leave from April 4 to 24 during Mrs. Hagenbach's hospitalization for appendicitis.

Superintendent Cooke entered on sick leave on April 14. The plan has his appendix removed in an emergency operation and is reported as doing fine.

Travel. Total number of visitors to date was 1,480. This is a slight decrease as compared to April, 1948, but travel to date continues in excess of 1948 figures.

Inspections. Mr. Davis and Mr. Gastellum were in on the 16th for a short visit to establish wage board schedules, etc.

Interpretive Services. 1,303 persons were contacted at the museum during the month. Operator-General Marble filled in during the absence of the regular interpretive staff.

Forest Fire Protection. We plan to send up the fire lookout about May 7. The forest service has scheduled their lookouts for May 1.

Ray B. Ringenbach

Ray B. Ringenbach,
Park Ranger.

Inspections. Mr. Davis and Mr. Hostelius were in on the 10th for a short visit to establish ways based schedules, etc.

Interpretive Services. 1,000 pamphlets were distributed at the museum during the month. Department-General Service filled in during the absence of the regular interpretive staff.

Forest Fire Protection. We plan to send up the fire lookout about July 7. The forest service has scheduled their lookouts for May 1.

Jos. S. Stevens,
Park Ranger.

El Morro

Ramah, New Mexico

April 26 49

MEMORANDUM for the Regional Director, Region Three

The following is the monthly narrative report for April, 1949, from El Morro National Monument, Ramah, New Mexico.

WEATHER: Maximum temperature reached 80° on the 23rd and the minimum for this report period was 13° on March 27. Six and one half inches of snow fell during this period amounting to .63 inches of moisture. The weather through the 17th was windy and cold but since then has been very pleasant.

TRAVEL: Visitation amounted to 121 people traveling in 39 cars. All visitors were contacted but only a few took the regular guided trip. Most of those taking the tours were guided by Mrs. Wilson or Tug Wilson, Mr. Wilson being quite busy packing and the present superintendent unpacking.

APPROACH ROADS: Roads were bladed by US Indian Service April 7th and 8th from Ramah to El Morro store and the spur road to the Monument. I supposed this grading happened frequently but Superintendent Wilson was quite jubilant since grading of the above roads has been done only once during his three year stay at El Morro.

MAINTENANCE: Office walls painted and floors waxed, magneto on standby generator repaired, woodwork and floors of superintendent's residence scrubbed.

PERSONNEL: Superintendent Bates E. Wilson transferred to Arches National Monument, leaving El Morro the 18th of April. John A. Aubuchon arrived the 19th to take his place.

NPS VISITORS: Ranger and Mrs. Owen Reynolds andson of Wupatki National Monument - the Reynolds moved my household effects from Walnut Canyon. Seasonal Ranger Robert Viklund of Walnut Canyon came along for the ride but was promptly put to work helping the Aubuchons unpack and get settled.

John A. Aubuchon
Superintendent

El Sueño

Sudan, Sue-Sudan.

April 30 - 4

Commander for the Imperial Airways, Dorpin Drive.

The following is the monthly meteorlica report for April, 1929, from El Sueño National Monument, Sudan, Sue Sudan.

Climate: Sudanese temperature reached 80° - the lid on the minimum for this report period was 11° on March 27, and the hot Indonesian may fall during this period averaging 5. 21 inches of moisture. The weather through the 1930 was cloudy and cold and since then was very pleasant.

Tourism: Visitation amounted to 111 people travelling in 27 cars. 111 visitors were detained but only a few took the regular guided trip, that is those taking the tours were guided by Mr. Wilson of the Sudan, Mr. Wilson is being with long people and the present superintendent speaking.

Attraction Guide: Guide were filled by Mr Indian Dorpin April 7th and Jan 12th Lamb 27-31 Guide Mare and the deer trail 3. Wa Sudanese. I suggested this getting Indonesia frequently but superintendent Wilson was quite pleasant since leaving of the guide visits that from this only when Dorpin his three year stay at El Sueño.

Attractions: Visitor walls painted and flower boxes, repaired in steadily, monthly regular, Wilson and Dorpin if Sudanese's welcome arrived.

Pack-Train: Superintendent Peter E. Wilson transferred to Sudan Sue-Sudan monument, leaving El Sueño the 28th of April. Pete A. Dubonnet arrived the 29th to take his place.

Pet Exhibit: Ranger had fire. Owen Dorpin saline of regular Intrusi monument - the Dorpin alert by Intrusi alarm Dorpin. Imperial Ranger Robert filled of saline Dorpin was going to the fire but was promptly put to work helping the maintenance people and put behind.

Peter A. Dubonnet
Superintendent

Gran Quivira National Monument
Gran Quivira, New Mexico

April 30,1949

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of April 1949.

General. Late spring storms have greatly improved the moisture content of the farm lands. High winds were much less frequent than last year.

Weather. Total moisture amounted to 1.07". High temperature for the period was 83° on April 26.

Special Activities. The superintendent was on special duty at White Sands for Playday on April 9.

The superintendent was on annual leave April 12-29. While enroute we visited Mesa Verde National Park and Arches and Colorado National Monuments.

Inspections. Mr. Patraw and Mr. Suazo of the Regional Office visited the area on April 8 while enroute to the White Sands Playday.

Approaches to the Monument. At the present time approach roads are in good condition.

Interpretive Service. 14 parties totaling 49 visitors were guided through the ruins. Average trip time, 39 minutes.

Museum Activities & Exhibits. Temporary exhibits have been placed in the exhibit room, utilizing the meager materials at hand. Public reaction, especially among the local people, has been good.

Mr. Steen visited the area on April 1 and drafted plans for exhibits to be prepared in the Regional Office. It is planned to have these ready and in place at an early date. Mr. Steen took 20 sacks of cement and the Mobile Unit stove back to Santa Fe when he returned.

Decrease in Travel. The decrease in travel this month was due to several factors. First, March 27, April 3 and April 10, the first three Sundays were stormy. This cut out the Sunday travel which at this season accounts for about 90% of the visitors. Second, the Superintendent was away from the area most of the month and the visitor count was taken from the register.

Fish wildlife Service Monument
Fish Lake, New Mexico

April 30,1949

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Fish Lake during the month of April 1949.

Climate. Late spring storms have greatly improved the moisture content of the Fish Lake. Fly birds were more less frequent than last year.

Weather. Total moisture measured is 1.17". High temperature for the period was 86° on April 1st.

Special Activities. The pre-firehouse was in operation duty at Fish Lake for flights on April 3.

The superintendent was on annual leave April 14-22. Fish service was visited Lake Forest National Park and across the Frisco National monuments.

Visitation. Mr. Jones and Mr. Jones of the Regional Office visited the area on April 3 while enroute to the Fish Lake flights.

Attention to the Monument. At the present time epicenet weeds are in good condition.

Interpretive Service. 14 parties totaling 42 visitors were guided through the ruins. Average trip time, 1½ minutes.

Newer activities & Facilities. Temporary exhibits have been placed in the exhibit room, utilizing the newer materials at hand. Public reaction, especially among the local people, has been good.

Mr. Jones visited the area on April 1 and formed plans for activities to be pursued in the National Office. It is planned to have Boy Scout and in place as in early days. Mr. Jones took up people of Manner and the Bible that were best to learn to come to Lakeview.

Entrance in Travel. The increase in travel this month was due to several factors. First, March 27, April 2 and April 3, the first three Sundays were active. This out was the Sunday travel which at this season averages for those days of the visitors. Second, the Superintendent was over from the area most of the month and the visitor count was high from his presence.

	CARS	VISITORS
April 1949	32	111
April 1948	57	174
Decrease	25	63
Percent Decrease	43.8%	36.2%
This Travel Year	301	836
Last Travel Year	227	656
Increase	74	180
Percent Increase	32.6%	27.4%

Wildlife. The rattlesnakes made their scheduled appearance during the month.

Cedar Waxwings have been much in evidence around the watering pans this spring.

William L. Bowen,
Superintendent.

	Year	Million
April 1949	[illegible]	111
April 1948	87	179
Decrease	[illegible]	62
Percent Decrease	[illegible]	[illegible]
This Travel Year	[illegible]	[illegible]
Last Travel Year	[illegible]	[illegible]
Increase	74	[illegible]
Percent Increase	[illegible]	[illegible]

Mileage. The railroads made their monthly summary during the month.

Other Business. Less than 50 attended after the meeting was this spring.

William L. Brown,
Superintendent.

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

April 26, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for April, 1949.

WEATHER. Spring is here! The water line thawed on April 5.

The minimum of 12 degrees was registered on April 4. The maximum of 78 degrees was reached on April 25. The high minimum was 39 degrees on April 18; and the low maximum was 25 degrees on March 29.

Snow fell on March 26,28,29,30 and 31; April 1,2,3,8,9,10 and 14. Rain fell on April 18,19 and 20. There were nine very windy days and seven of these came from the northeast.

During this report period there were 14 cloudy days; 4 partly cloudy and 13 clear days.

The San Luis Valley is again flooded with water and as last year, the Rio Grande river threatens to flood.

The Medano creek was visable from headquarters on April 17, and at present writing has reached the lower picnic area.

TRAVEL. Eight hundred sixty-nine visitors in two hundred eighteen cars visited the Sand Dunes during this report period. Eighteen states were represented, as well as the District of Columbia, Canada and Alaska. Nine days show no visitors to this area. Three written requests were answered. Five hundred and five people took advantage of the picnic areas and of these eight visitors camped over night.

INCREASE IN TRAVEL. For April 1948, there were 145 cars and 521 visitors.

CONTACT. Contact with visitors was done on five Sundays and during the week as work permitted. One hundred sixty-nine cars were contacted, with a total of seven hundred forty-one visitors. Contact time amounted to twenty-eight hours and ten minutes.

NEWSWORTHY VISITORS. Thirty-five pupils of the Saguache School, 7th Grade, came out for a picnic outing.

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

April 30, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for April, 1949.

WEATHER. Spring is here! The water line thawed on April 6.

The minimum of 12 degrees was registered on April 4. The maximum of 72 degrees was reached on April 22. The high minimum was 38 degrees on April 16; and the low maximum was 45 degrees on March 29.

Snow fell on March 26,28,29,30 and 31; April 1,2,3,8,9,12 and 14. Rain fell on April 18,19 and 20. There were nine very windy days and seven of these came from the northwest.

During this report period there were 14 cloudy days; 9 partly cloudy and 12 clear days.

The San Luis Valley is again flooded with water due to last year's Rio Grande river diversions to flood.

The Wabuno creek was visible from headquarters on April 17, and at present writing has reached the lower picnic area.

TRAFFIC. Eight hundred sixty-nine visitors in two hundred eighteen cars visited the Sand Dunes during this report period. Eighteen states were represented, as well as the District of Columbia, Canada and Alaska. Nine days show no visitors to this area. Three written requests were answered. Five hundred and five people took advantage of the picnic area and of these eight visitors camped over night.

INCREASE IN TRAFFIC. For April 1948, there were 145 cars and 541 visitors.

CONTACT. Contact with visitors was done as five rangers and during the week as work permitted. One hundred sixty-nine cars were contacted, with a total of seven hundred forty-one visitors. Contact time amounted to twenty-eight hours and ten minutes.

SCHOOL VISITING. Thirty-five pupils of the Sangre School, 7th Grade, came out for a picnic outing.

Twenty students of the University of Nebraska, Geology Department Field School, spent one day at this area.

Mr. Wilbur B. Foshay of the Alamosa Chamber of Commerce came out to the dunes - his first visit in ten years. When asked about road conditions, had no comment.

ROADS. The approach road from Mosca to headquarters was graded by the State on April 9 and 23. The section of road between Mosca and San Luis Lake is in poor condition because of ranchers digging and enlarging ditches along the road. When they have finished their work, it will be possible for the State to properly grade the road. The road, at present, is in fair condition.

The monument approach road to headquarters is in excellent condition. The road to Mosca spring is in fair condition and some work was accomplished on the road to the lower picnic area.

WATER SYSTEM. Tinkered with water system, but it took a spell of warm weather to thaw the line. The usual flow of mud and water went thru the pipes of the residence. We think three winters of frozen water lines is the limit and certainly hope funds can be found to remedy this intolerable situation.

CONCESSION. Mr. A.W. Graves, Monte Vista, Colorado was authorized to carry on a Saddle Horse Concession from June 1, to September 30, 1949 at Great Sand Dunes.

GENERAL. Many planes have been flying over this area in search of the missing plane and pilot, John Reeves of Denver.

An unusual patch of snow on a hill to the east of headquarters, aroused the curiosity of the Superintendent and he spent an afternoon (lieu day) finding out it was snow instead of crashed plane. He was glad he had his three spotted fever shots as the woods are loaded with ticks this year.

ACTIVITIES. Usual routine duties of hauling supplies, five days of snow removal around headquarters, cleaning up acres and acres of picnic areas, contacting visitors and keeping office matters current on Sundays.

Corrected map of area to be used for informational leaflet and sent latest Colorado State Highway Map to Acting Chief of Lands and Planning Richey.

Worked on PCP sheets and have corrections to make on others.

Gave dining room second coat of paint on ceiling and walls.

Family students of the University of Tennessee, Ansley Department, Field School, spent one day at this area.

Mr. Elmer E. Stanley of the Lenoxville Chamber of Commerce took us to the dunes - his first visit in ten years. Then moved about road conditions, had no comment.

Comment. The gravel road from Lenoxville to Sandpiperville was graded by the state on April 9 and 10. The section of road between Lenoxville and Sun Lake is in poor condition because of truckers cutting and enlarging corners along the road. When they have finished their work, it will be possible for the state to properly grade the road. The road, at present, is in fair condition.

The secondary gravel road to Sandpiperville is in excellent condition. The road to Moon Spring is in fair condition and some work was accomplished on the road to the lower picnic area.

Water Supply. Fingered with water system, but it took a small of some weather to turn the line. The usual flow of sand and water went down the pipes of the restaurant. In this time there history of frozen water lines is the limit and certainly hope funds can be found to remedy this intolerable situation.

Concessions. Mr. A.T. Graves, Sonia Fish, Coleyville was authorized to carry on a bait fore Concession from June 1, to September 30, 1950 at first Sand Dunes.

Airplane. Many planes have been flying over this area in search of the missing plane and pilot, John Barrow of Denver.

An unusual method of cure on a bill in the court of Sandpiperville, caused the majority of the Sandpiperville and be crowd in attendance (five day) fighting out it was done instead of crooked plans. He was glad he had his three special level clerks as the words are loaded with this this year.

Additions. Usual routine duties of building supplies, five days of cross removal around headquarters, planting on drive and areas of picnic areas, distributing visitors and keeping office workers current on business.

Corrected map of area to be used for informational leaflet and most latest Calaveras State Highway map is being filed of lands and Planting Stamp.

Served on FDC checks and have corrections to make on others.

Have airing room issued most of paint on ceiling and walls.

Partly covered the hot water pipes in basement with asbestos paper.

Ordered Prestone for next winter in hopes it would arrive in time.

Worked on road from Mosca Spring to lower picnic area. This is slow work because of the great number of large rocks in the road bed. In time, it may turn out to be a fairly decent road.

The HSWP spent eight days at the Alamosa Community Hospital for shots, rest and diet.

Received and reviewed the Monthly Narrative Report, Region One, August and September, 1948; Region Two, August and September, 1948; Region Three, September, 1948; Region Four, August, 1948. Naturalist Monthly Report, Region Three, September and December, 1948. The Conference on National Park Service, Archaeologists at Director's Office, November, 1948. Southwestern National Monuments Report, Region Three, February, 1949.

PROJECTS FOR ENSUING MONTH. Contact the State Highway Department in regards to hauling gravel to lower picnic area and moving the house trailor behind headquarters for ranger's quarters.

Accomplish more road work and contact visitors on Sundays.

Ted C. Sowers,
Superintendent

Partly covered the hot water pipes in basement with asbestos paper.

Ordered firehose for rear window in hopes it would arrive in time.

Talked on road from room during to lower middle area. This is also very because of the great number of large rocks in the road bed. In time, it may turn out to be a fairly decent road.

The RMP spent eight days at the Alamosa Community hospital for shots, rest and diet.

Received and reviewed the monthly Narrative report, Region One, August and September, 1948; Region Two, August and September, 1948; Region Three, September, 1948; Region Four, August, 1948. Naturalist monthly Report, Region Three, September and December, 1948. The Conference on National Park Service, Archaeologists at Director's office, November, 1948. Southwestern National Monuments Report. Region Three, January, 1949.

<u>PROGRESS ON MAJOR WORK</u>. Instant the State Highway Department in regards to building gravel to lower picnic area and moving the house trailer behind headquarters for ranger's quarters.

Accomplish more road work and contact visitors on Sunday.

Ted L. Bowers,
Superintendent

Montezuma Castle National Monument
Camp Verde, Arizona
April 24, 1949

MEMORANDUM for the Director, Region Three:

Montezuma Castle National Monument submits its monthly narrative report for April 1949.

Special Activities: With the exception of public contact work, most of the month was spent in preparation for personnel transfers effecting this area. Ledding spent the week of April 3-9 at Walnut Canyon relieving Aubuchon. During this period of time, Cook arrived for special duty and training at Montezuma Castle. Hastings then transferred permanently to Walnut Canyon on April 11, with Cook reporting for duty to Montezuma Castle April 12. Ledding moved to Walnut Canyon April 19, and Clancy transferred from Grand Canyon the same day.

While on annual leave in the southern part of the State, Archaeologist Schroeder gave a talk on Montezuma Well to a seminar in the Department of Anthropology at the University of Arizona.

Proposed changes for a new printing of the Montezuma Well trail pamphlet were submitted along with a line drawing of a burial and a diagrammatic map of the Verde Valley.

Considerable cataloging of recent accessions and specimens was accomplished during the month.

Weather: Mild weather prevailed throughout the month with several light showers causing a total precipitation of 1.02 inches. Maximum temperature 89 (April 21). Minimum temperature 25 (March 30).

Travel: The arrival of mild spring weather and Easter vacation week caused a definite increase in travel for this month. There were 2,108 visitors in 636 cars to Montezuma Castle and 576 visitors in 185 cars to Montezuma Well for a monthly total of 2,684 people and 821 cars. 649 adults and 83 children climbed the ladders to the Castle. The total figure of 2,684 visitors as compared with 2,482 visitors for April 1948 represents an increase of approximately 8 per cent.

Official Visitors: Mr. Tillotson and Mr. Tolson on April 1; Mr. Davis on April 18 to talk over monument problems with the superintendent: Messrs. Cornell, Bennett, Thomas and Lassiter on March 24 in regards to water system and future plans and designs.

Visitors: March 27, a group of seven people representing the Jam Handy Organization of Detroit, Mich. arrived at the monument for

Dartmouth Dartle National Pavement
Omar Pavin, Arizona
April 24, 1968

Administrator for the Pavement, Dalton Tarver:

Dartmouth Dartle National Pavement submits the monthly activities report for April 1968.

General Activities. With the exception of public relations work, most of the month has been in preparation for personnel assignments attending this area. Initial report the week of April 1st we taken Corpus activities Assessment. During this period of time, 1000 arrived for Spring Ball and training at Dartmouth Dartle. Starting time transferred primarily to Falcon Dragon on April 17, with that exception for duty to Dartmouth Dartle April 15. Training moved to Falcon Dragon April 17, and Camp terminated from Camp Dragon the same day.

Training on normal lists in the accidental part of the Corps, Dartmouth Dartle Dartmouth gave a full on Dartmouth Dall to a meeting in the Department of Anthropology at the University of Arizona.

Proposed changes for a new printing of the Dartmouth Ball trail pamphlet were distributed along with a time chart of a trial and a disassembly map of the Corps Dalton.

Tentatively scheduled of recent assessments and questions was accomplished during the month.

Weather. This weather prevailed throughout the month with average light showers causing a total precipitation of 1.02 inches. Maximum temperatures 88 (April 21), minimum temperature 32 (March 8).

Travel. The period of this spring weather and Dartmouth Dartle Dartmouth a definite hazards to travel for this month. There were 2,000 visitors to 200 area in Dartmouth Dartle and 200 visitors to 100 area to Dartmouth Dall for a monthly total of 2,000 people and 600 cars. All visits and 20 visitors dictum the history to the Dartle. The total figure of 2,000 visitors is compared with 2,000 visitors for April 1967 represents an increase of approximately 0 per cent.

Official visitors. Mr. Tillman and Mr. Tilson on April 2, Mr. Davis on April 12 to Dall area Dartmouth working with the Department. Tarver, Terrell, Bennett, Thomas and Tarver on visit to Dartmouth to motor crews and Cobra plane and changes.

Training. Dartmouth, a group of Dartmouth people representing the Dartmouth Department of Dartmouth, Dalton Arizona at the Dartmouth to

the purpose of making professional pictures of the castle. April 4, ten boys from the Norton School, Clearmont, Calif. were conducted through the castle. April 18, Malcolm Farmer, Director of the San Diego Museum of Man payed a visit to the Well and castle. April 16, Dr. Stewart, professor of Anthropology at Arizona State College, Tempe visited the Well. Schroeder spent part of one morning showing Dr. Stewart some of the nearby ruins. April 9, Dr. Haury, Director of the Arizona State Museum made his first visit to the monument.

Maintenance: Mr. James Reeves of Camp Verde finished razing the old castle store which was located along the trail to the castle. Considerable landscaping will have to be done where this store once stood.

At the Well, spring clean-up was completed and cabinet doors for the museum storage were sanded and prepared for varnishing.

Wildlife: Two new birds were recorded at the Well; they are the Yellow-headed Blackbird and Scott's Oriole. Campers at the Castle reported seeing a beaver a short distance from the campground.

Public Health: Three samples of drinking water were submitted at intervals during the month to the U. S. Public Health Service laboratory in San Francisco for bacteriological analyses; all of these samples proved entirely satisfactory. Two samples were also mailed to the Arizona State laboratory in Phoenix. From the ten portions tested of these samples, three portions proved positive for bacteria.

John O. Cook

John O. Cook,
Superintendent.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

April 25, 1949

MEMORANDUM for the Regional Director, Region Three

There follows the monthly narrative report of activities in this area for the month of April 1949.

PUBLIC TRAVEL

60 visitors in 20 cars. 38 visitors in 9 parties elected Sandal Trail for their view of Betatakin, 20 visitors in seven parties were guided to Betatakin. 12.6 hours were spent in Museum and Orientation contacts. 15 people camped overnite.

REPORTWORTHY VISITORS

N.P.S. Messrs. Dean and Brueck of Grand Canyon National Park to Betatakin on the 11th thence to Rainbow Bridge.
Mr. Carleton Wilder (Red Cross Navajo Relief) formerly N.P.S. ranger at Grand Canyon and Saguaro National Monument visited here on the 12th and again on the 24th.
Mr. and Mrs. Faber, incumbent teachers at the Shonto USIS boarding school, on the 12th and 24th.
Capt. and Mrs. F. Williams of Standard Oil Co. Safety division.

WEATHER

Fair weather has prevailed. A few cloudy days and light precipitation on the 19th, 20th and 23rd. Maximum temperature was 81 degrees on the 24th, slightly higher than usual at this time. Minimum was 31 degrees on the 15th. Total precipitation 0.02.

ROADS

Roads are in better than average condition after some repair to the damage done by heavy snows and the spring run-off. All readside directional signs are in fair shape.

NEW IMPROVEMENTS

RADIO

The HT-12 Hallicrafter Marine radio was placed in operation on the 8th. Contact with Santa Fe, Bandelier National Monument and Grand Canyon National Park has been maintained since that date. We are operating on 5150 Kc at 50 watts output. More accurate directional beaming of the aerial may produce stronger transmission to Santa Fe and a change is contemplated.

[illegible] NATIONAL MONUMENT
[illegible], ARIZONA

April 22, 1949

MEMORANDUM for the Regional Director, Region Four

Here follows the monthly narrative report of activities in this area for the month of April 1949.

PUBLIC USAGE

[illegible] visitors in 50 cars. 22 visitors in 2 private planes [illegible] Tuzi for their view of Petrolia. 30 visitors in seven parties were guided to Petrolia. 124 hours were spent in [illegible] and information contacts. 13 people signed [illegible].

ENFORCEMENT PATROL

Mr. [illegible], Chief and Ranger of Grand Canyon National Park [illegible] to Petrolia on the 11th [illegible] to Dalton Pass.
Mr. Carlyle Miller (Del Cross Ranch Rather) [illegible]
Mr. [illegible], ranger of Grand Canyon and Saguaro National Monument visited here on the 12th and again on the 20th.
Mr. and Mrs. Tuzi, incumbent [illegible] at the Rincon [illegible] [illegible], on the 13th and 14th.
Capt. and Mrs. T. Williams of [illegible] Co. Safety [illegible].

WEATHER

Fair weather has prevailed. A few windy days and light precipitation on the 12th, 23rd and 24th. Maximum temperature was 71 degrees on the 23rd, slightly higher than usual at this time. Minimum was 31 degrees on the 12th. Total precipitation 3.48".

ROADS

Roads are in better than average condition after snow repairs to the damage done by heavy snows and the spring rains. All reasonable directional signs are in fair shape.

NEW IMPROVEMENTS

NONE

The 12-12 Hilltop Marine radiation plant is operating on the 12th. Contact with Marine Co. Exploiter Training Command and Grand Canyon National Park has been maintained since that date. We are operating on 2180 kc at 21 watts output. Have received directional bearing of the aerial may produce stronger transmission to Banks Ck so as a whole is contemplated.

UNITED STATES

April 25, 1949

DEPARTMENT OF THE INTERIOR

NEW IMPROVEMENTS (con't)

The Galion Road grader is enroute from Walnut Canyon National Monument to Navajo National Monument today. Mr. Joe Bean of Wupatki has been assigned the transport job.

ROUTINE MAINTENANCE

Re-opening this area involved roof and plumbing repairs, butane readjustments, Kohler light-plant service, window washing, floor waxing and thoro cleaning of chimney flues. Campground benches and disposal cans were set up and comfort stations cleaned.
A new plunger-leather was installed on the Wayne gasoline pump.
A new cover was made of Masonite for the registry book.
The wooden wall on the South side of Residence #1 was repaired. The stripping had curled in many places from the effect of deep snow.
The Climax power plant, overhauled by the Central Repair Shop of the National Forest Service, was hauled out on the 20th, repainted on the 23rd and snaked into the power house on the 24th. The pump was serviced same day and we pumped 1500 gallons of water. (When we write 'the pump was serviced same day' it looks so simple one would hardly believe it requires three miles by car and three miles of foot work to get 3 quarts of oil into the pump).

GENERAL

We would like to take this opportunity to express our thanks to all concerned in making our winter assignment possible and so pleasant. We enjoyed the hospitality at Organ Pipe Cactus National Monument and feel that our time there was well spent.

J.W. Brewer, Jr.

J.W. Brewer,Jr.,
Supt.

Air Transport (cont'd)

The million dead prefer to operate from Saint Dorgon National Monument to Travis National Monument today. Mr. Jon Dunn of Seattle has been analyzing the transport jobs.

Motion Pictures

Corresponding with a are lurking cool and climbing rugby, Saint realistaments, Daily Lightplant service, which resembles flow wading and there elements of economy flame. Equipment because and diagonal case were set up and control electric channel. A few plunger-leather was installed on the figure possible pump. A new cover was made of Bassoke for the regular crude. The motion well on the South side of Lighthouse Flows regularly. The overpriced bel arrived in many places from the effect of day snows.

The Climax power plant, overhauled by the Central Supply Shop of the National Forest Service, was hauled out to the site, regulated on the line and manual late the power house on the Sabb. The pump was serviced each day and on August 1962 gallons of water. (Then we write this pump was servicing each day! If Jacks to elsis one would hardly believe it requires three miles by car and three miles of foot work to put 2 quarts of oil into the pump).

Comment

We would like to take this opportunity to express our thanks to all concerned in making our winter assignment pleasing and enjoyable. We enjoyed the hospitality at Green River Saint National Monument and feel that our time there was well spent.

Phil Hansen

Jack Hansen
Supt.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Organ Pipe Cactus

P. O. Box 38, Ajo, Arizona

April 25, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of April, 1949.

Weather

The minimum for the period was 37 on April 2, but the average nights are now in the 50's. High for the period was 98 on the 22nd with the days giving warning of the hot weather to come. Travel is falling off. March 31 and April 1 gave us .35 inch rainfall which was badly needed, with the hot, windy days now things are drying rapidly.

Special Activities

We welcomed the visit of Assistant Director Tolson and Regional Director Tillotson this month. Two days, March 28 and 29, were spent showing them around the area and discussing problems.

Assistant Regional Director Davis and Chief Clerk Gastellum made an inspection trip to the area April 11. This gave them a chance to see us at our busiest season.

With the slowing up of travel and by drafting the Superintendent's wife for museum contact duty, we were able to get in one camp trip. An exploratory trip was made into the Arch Canyon and Bull Pasture areas and we were really struck with the outstanding scenery of these canyon areas. Even we have not fully realized before some of the attractions we have in the monument.

The "desert peaks" section of the Sierra Club of California visited Organ Pipe on their annual Easter trip. All assistance possible was given the 62 members present to enjoy their one-week visit.

Three peaks, Diaz, Santa Rosa, and Montezuma, were climbed. An attempt was made to climb Kino peak but due to time and the inexperience of some of the party, they were unable to reach the top.

Interpretive Service

With the loss of our temporary rangers April 1, we have really been swamped this month. 2,715 persons received interpretive service at the headquarters and on conducted trips. Slides were shown and talks were given campers by the Superintendent and Ranger and two illustrated lectures were also given by Josef Muench.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Organ Pipe Cactus

P. O. Box 98, Ajo, Arizona

April 28, 1940

Memorandum for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of April, 1940.

Weather

The maximum for the period was 97 on April 8, and the average eight are now in the 80's. High for the period was 89 on the 22nd when the Cope giving evening of the bird weather to come. Total in fishing etc. Days 21 and April 1 gave us .80 inch rainfall which was badly needed with the hot, windy days now things are drying rapidly.

Special Activities

We welcomed the visit of Assistant Director Tolson and Regional Director Hillquist this month. The days, March 27 and 28, were filled showing them around the area and discussing problems.

Assistant Regional Director Davis and Chief Clerk Dorsfelt made an inspection trip to the area April 11. This gave them a chance to see at our desired season.

With the slowing up of travel and by shifting the Superintendent's wife for Monument duty, we were able to put in one week trip. An exploratory trip was made into the Cook Canyon and Bull Pasture area and we were really struck with the outstanding scenery of these remote areas. Even we have not fully realized before some of the attractions we have in the monument.

The "Desert Peak" section of the Sierra Club of California visited Organ Pipe on their annual Easter trip. All activities possible was given the 60 members present to enjoy their two-week visit.

Three radio, film, photo tours, and lectures, were offered. An attempt was made to allow time peak use to time and the inexperience of some of the party, they were unable to reach the top.

Interpretive Service

With the loss of our temporary ranger April 1, we have really been swamped this month. 2,715 persons received interpretive service at the headquarters and on conducted trips. Slides were given and talks were given campers by the Superintendent and Ranger and the illustrated lectures were also given by Josef Blumen.

Research and Observations

Max Hensley continued his research on ecology during the month and gathered much interesting bird information for the records.

During the conducted trips with the Sierra Club three complete pots were found in the Cement Tank area. They were brought in for the museum and are awaiting the visit of an archeologist for identification.

Several new plants were found on the exploration trip into the Ajos. A new hedgehog type cactus was found in Arch Canyon which we are unable to key out and believe to be new. It has one of the most beautiful flowers we have seen yet.

A specimen of Green Rock Rattlesnake was collected in Arch Canyon. It is new to the area and extends the range of this species.

Travel

While April is always our busiest month, we set a record this year with 12,853 visitors through the area with 968 camping during the month. This is an increase of 2,238 persons over April of last year.

Publicity

Organ Pipe flower forecasts were carried in Desert magazine and broadcast on the Richfield Oil Radio program.

Mr. and Mrs. Harold Waight spent several days on the area collecting material and pictures for a magazine article.

Wellknown photographers visiting the area for publication pictures included Josef Muench, Don Ollis, Harry and Ruth Crockett, and Captain Williams.

Considerable publicity was given the area in the newspapers over the selection of a name for the new postoffice and settlement at the Port of Entry. While Lukeville seems to be leading, many other names have been suggested.

Accidents

On April 11, the two-year old son of the Nolans, members of the Sierra Club, wandered off but he was found unhurt two miles from the camp after about a one-hour search.

Our usual cow accident occurred on March 28 on the highway. A cow was struck and killed by a car three miles south of headquarters. No personal injuries were sustained.

Personnel

Superintendent Brewer and family returned to Navajo National Monument March 31, after his winter assignment here.

Lessons and Conclusions

The Director evaluated his research in weekly during the week and gathered such interesting bird information for the students.

During the quarantined twigs with the thorns that their mosquito pots were found in the Canada Geese nests. They were brought in for the seasons and are auditing the visit of an entomologist for identification.

Several new plants were found in the exploration this year into the Alps. A new twelfth type marine was found in Arab Sangen which we are unable to buy yet and believe it is new. It has one of the most beautiful flowers we have seen yet.

A specimen of Green Sand Lizard was collected in Arab Sangen. It is one to the area and extends the range of this species.

Travel

While most is always our budget tight, we did a record this year with 12,000 visitors through the area with the majority making the trip. This is an increase of 6,000 persons over April of last year.

Publicity

Open Fire Tower Lookouts have assisted in Smoke Jumping and Lookout on the Industrial Ski Lake program.

Six and two tenths miles of the Sequoia Tower Ski in the area initiated material and pictures for a magazine article.

Volunteer photographers visiting this area for publication purposes included Dave Bennett, Leo Gillis, Harry and John Crockett, and Lorraine Williams.

Constantly positive was given the area in the newspapers over the selection of a tower for the new production and establishment of the Park of Today. This innovation could be in jeopardy, they under these have been neglected.

Incidents

On April 13, the Sequoia all was of the Sierra, members of the Sierra Club, searched all but in the Forest service for which from the camp after about a snowfall warning.

Our local Ski patrolled numerous on Sunday, 22 on the highway. A one was injured and billed up a map-form after months of complaints. 32 persons injuries were published.

Personnel

Superintendent Brown and Field Personnel in Sierra National Forests Sierra 21, after his winter assignment here.

Sequoia Fire Center National Forests. 2

Personnel

Seasonal Ranger Rasmussen was terminated March 31, due to lack of funds.

William R. Supernaugh,
Superintendent.

Therefore,

Internal Energy Increases and Irreversible Work is done on Land if Tide.

William A. Dyrenforth.
Instructor.

Saguaro National Monument
Tucson, Arizona

April 25, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for April 1949.

General

Intermittant showers during the early part of the month tended to decrease travel for a few days. Since April 2nd there has been a steady flow of heavy travel for this time of the year. Travel figures show a substantial increase over the corresponding month a year ago. The maximum temperature reached 87 degrees on several occasions.

The wildflower display improved during the month, but was not so spectacular as in some areas farther west. The first cactus (Strawberry hedgehog) blossomed on April 10th, thirteen days later than last year. We expect an outstanding display of cacti blossoms during the next six weeks. Some of the Saguaros are budding now.

A thunder shower of light intensity occurred over Redington Pass north of Mica Mountain on April 19th.

General preparations for the forthcoming fire season are in progress.

Special Activities

The Superintendent attended the Inter-Regional Fire Control Training Conference held at Grand Canyon National Park from April 4th to 8th inclusive. The conference was excellent and much valuable information for the field man was derived. The Superintendent also spent two days in the Regional Office discussing administrative matters with various department heads.

Inspections

Mr. Tolson, Assistant Director, and Mr. Tillotson, Regional Director, were here on a general inspection tour on March 26th.

Sequoia National Monument
Tucson, Arizona

April 22, 1949

MEMORANDUM for the National Director,
Region Three.

There follows the monthly narrative report of activities at Sequoia National Monument for April 1949.

General

Inclementing weather during the early part of the month hindered to downtown travel for a few days. Snow fight had been for some a steady flow of heavy travel for this time of the year. Travel fig-ures show a substantial increase over the corresponding month a year ago. The maximum temperature reached 80 degrees on several occasions.

The attendance slightly improved during the month, but was not as spectacular as in some previous February months. The first weekend (Washington's birthday) bivouacked on April 17th, Saturday day later than last year. No aspect on outstanding display of rare dogwoods during the last six weeks. Some of the Japanese are beginning soon.

A thunder shower of light intensity occurred over Bulldogs from north of Sian Mountain on April 17th.

General preparations for the forthcoming fire season are in progress.

Special activities

The superintendent attended the Inter-Regional Fire Control training conference held at Grand Canyon National Park from April 4th to 9th inclusive. The conference was excellent and much valuable information for the field was derived. The superintendent also spent one day in the Regional Office discussing administrative matters with the department heads.

Inspections

Mr. Tolson, Assistant Director, and Mr. Tillotson, [illegible] were here on a general inspection tour on March 23rd.

Assistant Regional Director Davis and Chief Clerk Castellum were here over the period April 15th and 16th to discuss land matters and fiscal accounting with the Superintendent.

Status of Lands

Assistant Regional Director Davis and the Superintendent attended a meeting of the Saguaro Land Committee on April 15th for a discussion of land acquisition problems. A special report on the minutes of the meeting was forwarded to the Regional Director.

General Publicity

An article giving an account of the Saguaro Land Committee meeting was carried in the April 16th issue of "The Arizona Daily Star".

Maintenance

Maintenance work was concentrated on the lower portion of the Madrona-Grass Shack Trail during the first half of April. There is still about three-quarters of a mile yet to complete on the relocation of this trail.

The Spud Rock pasture fence was repaired and strengthened for use during the coming fire season.

Maintenance of the mountain telephone line was completed and new batteries were installed in all telephone sets.

Approach Roads

An article appearing in the March 31st issue of "The Arizona Daily Star" gave notice of a proposed paved road to Saguaro National Monument following the route of the Old Spanish Trail from east Broadway.

The Broadway approach was in good condition for most of the month.

Interpretive Service

A total of 1714 people in 541 parties were given interpretive services at headquarters for an average of 15 per party.

Increase or Decrease in Travel

Travel figures show a decrease of 66 persons as compared with last month and an increase of 814 persons over the same month a year ago. A total of 2924 persons in 721 cars visited Saguaro during the month. Total visitors for the travel year, 16,073.

Antwerp National Director Irvin and Chief Clerk Hutchins were late over the postal night trip and late in dinner had nothing and final conversation with the Demonstrators.

Duties of Irvin

Antwerp National Director Irvin and the Superintendent attended a meeting of the Negroes Land Committee on April 12th for a discussion of land negotiations problem. A special report on the attitude of the meeting was forwarded to the National Director.

Special Publicity

In article giving an account of the Negroes Land Committee work, the was reported in the April 14th issue of "The Antwerp Daily Star".

Entertainment

Entertainment was not necessitated on the home premises of the Antwerp-Press Phone Visit during the first half of April. There is still about three-quarters of a mile yet to Antwerp on the automobile or bike ride.

The good and pleasant times are recalled and appreciated for our during the visiting this season.

Entertainment of the committee interpreter like was considered and Interpreter were included in all delegated rates.

Financial Stand

An article appearing in the Daily Star issue of "The Antwerp Daily Star" gave details of a proposed point point to Antwerp National Treasurer following the work of the Sub Committee Chair from each Delegate.

The Secretary recommend that in order calculation for work of the month.

Subscription Centre

A total of ____ subscriptions at ____ and publication were given subscriptions of Subscription for an average of ____ for period.

Increase of Interest in Social

Social figures when a Interest of ____ persons in attendance at the last month and an increase of ____ persons over the last month with a year ago. A total of ____ Sub-Committee in ____ had were visited classes during the month. Social visitors for the Annual Year. Interest.

Visitors

Chief Ranger Worley, Carlsbad Caverns National Park
Chief Ranger Sholly, Big Bend National Park
Dr. Margaret Kemp, Smith College, Northampton, Massachusetts
Mrs. George McCord and Dean Tillotson, sister and son respectively of Regional Director Tillotson
Kay Deering and Andreas Flinnique of "Life" magazine.
General and Mrs. Gascoigne, British Diplomatic Corps, Washington, D.C.
Mr. and Mrs. GunnarSeidenfaden, Danish Embassy, Washington, D. C.
Erick Seidenfaden, (Chief Editor), Copenhagen, Denmark
Dr. W. J. Follett, Curator of Fishes, California Academy of Sciences, San Francisco, California

Wildlife

One group of visitors observed 15 javelines on the loop road.

Three species of orioles were observed in one day at headquarters including Scotts', Hooded, and Bullards.

Harris ground squirrels succeeded in eating most of the buds and flowers of the Strawberry hedgehogs on plants in the arboretum. They seemed particularly fond of the pistil.

Ranger Service

Ranger Wilde spent the latter part of the month supervising preparations for the summer forest protection program.

Due to heavy travel and the necessity of maintaining constant interpretive services at headquarters, Ranger Frost will be retained on duty status until May 15th.

Forest Fire Protection

Six head of mules were brought in from pasture in order to condition them for the coming fire season. The other six were brought in on April 20th and taken to Spud Rock pasture to remain there until they are needed.

The U.H.F. and mid-range radios have been checked and taken to Manning Camp and Mica Mountain Fire Tower.

The SP-4, Senior Fire Control Aid is scheduled to go on duty May 1st.

Samuel A. King
Superintendent

Training

Pilot Ranger training, including Preview Technical tour
Pilot Ranger Shuttle, Top Gun Technical tour
Mr. Sheppard Cue, Jack Tuttle, Northrop, Hawthorne
Mrs. Doris Dalton and Jane Villaneva, sister and son respectively of Technical Director Villaneva
Dr. Dwayne and Mrs. Dwayne Clinton of Pilot Ranger.
General and Mrs. Thompson, United Diplomatic Corps, Washington, D.C.
Mr. and Mrs. Constantinidhes, Jewish Embassy, Washington, D. C.
Pilot Schneider, (Chief Artist), Hawthorne, Hawthorne
Mr. H. L. Hullett, Director of Films, California Lodge of Masons, San Francisco, California

Shooting

One group of visitors observed 13 jurisdictions on the long road.

Three squadrons of aviation units observed in one day at headquarters including Scotts', Ingold, and Hallands.

Nearly ground equipment necessitated in setting more of the book and figures of the Hawthorne Engineers on plants in the afternoon. They manned particularly that of the plant.

Future Service

Energy Wing spent the latter part of the month supervising preparations for the summer format production program.

Due to heavy travel and the necessity of maintaining constant interpretive services at headquarters, Ranger Front will be published on July fifth until May 12th.

Recent Film Production

Six kind of prize were brought in film product in order to establish those for the month film season. The films are brought in on April 20th and below to find that pictures to remain. Here until they are needed.

The T.E.T. and all-range radios have been checked and taken to Manning Hump and Sky Mountain Film Tower.

The U-4, Radio Film product 101 is scheduled to go on duty May 1st.

Donald L. Kim
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~Wupatki~~ NATIONAL MONUMENT

~~Flagstaff, Arizona~~

~~April 26~~, 19~~49~~

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Sunset Crater National Monument for the month of April, 1949:

Weather: The month was dry at Sunset with the exception of a few light showers. Wind continued to blow most of the month which is not unusual for this time of the year. At least enough of the snow is gone so that a person can get into the area for the first time since January. The precipitation record for the winter months at Sunset was lost, as wind had blown off the snow catchment pipe.

Roads: After 3½ months of being closed by snow the roads are once more open. Even though it was a record snowfall, the melting caused little damage because the road was put in shape late last fall. The entrance off of Hiway 89, however, is still a problem because there is inadequate drainagem. The road along the base of the crater and through to Wupatki was fine bladed and is in relatively good shape- through the cinders.

Travel: Visitor use this month showed an increase of 10% over that of last year. Registration was 603 persons which is considered to represent only 40% of the total travel.

Road Maintenance: Five days were spent at Sunset Crater on road maintenance blading the entrance from Hiway 89 and six miles of the approach to Wupatki over the back road.

General: A survey of the east fire road was made to acquaint Ranger Reynolds with this portion of the country.

NPS Visitors: Assistant Regional Director Davis visited the area on April 2, being one of the first to enter the parking area section in a car.

David J. Jones
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

April 24, 19

MEMORANDUM for the Chief Park Ranger, Region Three.

There follows a report of activities at Lower Grand Canyon National for the month of April, 1949:

Twilight: The month got off to a bad start with the occurrence of a car crash accident. This occurred in the most of the month which is not unusual for this time of the year. At least four of the boys in green in that a period was put into the area for the first time since January. The precipitation is proved for the entire month of March was light, we still had light off the rain continues also.

Lower River: Still active at being visited by some the people who come down. Even though it was a record crowd. The outlying ranger stations because the road was put in where late last fall. The entrance out of Lower Gr. Canyon, is still a problem because there is impassable flooding. The road along the base of the canyon was blocked so that the River Ranger was in the vicinity and helped move the stations.

Overall: Visitor use this year could be described as lowering of the more than at last year. The indication was 800 persons which is considered in comparison only 400 of the total travel.

Road Maintenance: Two days were spent at Tonto Bridge in road maintenance making the entrance from Highway 89 and the road at the airport to Tonto and the Lake road.

Concessions: Work at the most Gr. Canyon has been by Arizona Hunter Service with the permission of the ranger.

Our Visitors: Visitors National Geographic Service visited the area on April 5, taking one of the first to enter the Marble Area during the month.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TONTO NATIONAL MONUMENT
ROOSEVELT, ARIZONA

April 25, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of April 1949.

Weather During the early portion of April some light rain was had. Days got dryer and hotter until the present with temperatures well into the high 90's.

Approaches to Monument Both portions of the Apache Trail are dusty and rough. The state highway department now has two trucks on the section to Globe and resurfacing work is under way so this section should improve considerably. Ab Sanders, State Grader-operator, graded the monument approach on March 30, but with lack of rain it soon relapsed into its usual rough state.

Interpretation The museum was open all month and guide service was available each day. This was possible by having Ranger Sam Orem with us throughout the month during Supt. Sharps absence.

The Grand Canyon film was shown to some 50 people at the Roosevelt Community Club House on April 1st.

Special attempts were made during the month of April to identify the numerous desert wild flowers in bloom as an aid in interpreting the flora of the area.

Travel April brought some 2,415 visitors in 646 vehicles to the monument. This is a decrease of 280 from March and an increase of 240 over April of 1948. The travel trend has been more toward local people with spring fever of late.

Personnel Superintendent Sharp and wife left on annual leave the 28th of March. It was necessary for Mrs. Sharp to go to a Denver specialist for a delicate mastoid operation on the 2nd of April. The operation was successful and Mrs. Sharp is recuperating nicely. Sam Orem has remained on duty as labor-leadman during Supt. Sharps absence. Society Note: Mrs. Charles C. Sharp has been elected president of the Roosevelt Womans Club.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible] NATIONAL MONUMENT

[illegible], ARIZONA

April 27, 1940

MEMORANDUM for Mr. Ballard Dunham, Maple Grove.

Enclosed is a report of activities at Tumacacori National Monument for the month of April 1940.

Weather. During the early portion of April some rain was had. Both good crops and better until the present with temperatures well into the high 90's.

Improvements to Property. Both portions of the cemetery wall are nearly and rough. The state highway department has had the grading on the entrance to claim and resurfacing work is under way to this setting the 12 miles, small in dust. In Tumacacori, Arizona-Sonora, graded the numerous sequence on front lot, but work has not yet been resumed into the usual rough state.

Administration. The museum was open all month and visitor service was available each day. This was possible by having Tumacacori Grove with its shortening the joint during night. Visitors observed.

The Girl Scouts Club was given to some 30 people at the Tumacacori Community Club House on April 1st.

Special attention were made during the month of April to visitors who showed lively with flowers in flower or on site in interpretive and flora of the area.

Travel. April brought some 2,412 visitors to add portions to the museum. This is a decrease of 300 from March and 40 increase of 300 over April of 1939. The travel trend has been below local people with spring fever of late.

Personnel. Maintenance Mary and wife left on March first the 20th of month. It was necessary for me. Mary is by 30 a horse quantity for a difficult permanent connection on the 2nd of April. The quarters are occupied and here. Mary is working alone. Now Jim has resigned on 20th as Tumacacori Park Ranger Museum. Notify Park. Jim. Ranger I. Bonn has a [illegible] absent president of the Tumacacori Museum Club.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TONTO NATIONAL MONUMENT
ROOSEVELT, ARIZONA

Visitors

March 25. Ray Carlson, editor of Arizona Highways, and Herb. McLaughlin, photographer.

March 31. Regional Director Tillotson and Assistant Director Tolson.

April 10. Prof. Harry Getty of the University of Arizona Anthropology Dept. and 9 students.

April 16. Dr. Frank C. Hibben, Mrs. Hibben and son Pat of the University of New Mexico Anthropology Dept.

April 17. Assistant Regional Director John Davis.

April 21. J.H. Brannan of the Public Roads Administration on a survey for the N.Z.B. of the monuments roads.

Wildlife The hedgehog cactus has started to bloom this past week. Mariccpa lilies began to bloom the 15th of April. The lower ruin cave is now inhabited by 2 Ravens; 6 Say's Phoebes; 8 White Throated Swifts; 3 Chipmunks; and innumerable bees, mice and lizards. The Hooded Orioles have started nest building in the eaves of Supt. Sharps home. Nesting activities of Phoebes, Rhainopeplas, Ravens and Palmer Thrashers have been observed throughout the month.

Maintenance Much time has been spent on repairing the badly frozen water line to the cattle tank at the north monument boundry. Crew has also spent considerable time covering portions of exposed water line between the dwellings and the spring.

Lloyd M. Pierson
Acting Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

April 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of April, 1949:

WEATHER CONDITIONS: Precipitation was .38, which is an average for the past 11 years in this vicinity. Maximum temperature of 97 occurred on April 24, minimum of 27 on March 30. Last freeze was on April 2. Flower displays in the hills are fair.

INCREASE OR DECREASE IN TRAVEL: The visitor total of 2,825 makes the second highest April total in Tumacacori history, contrasted with 4,850 persons in April of 1939. The latter figure may or may not have represented a record of normal travel, for it was in that month the museum building was dedicated. The dedication drew approximately 1,000 people, and an Easter ritual on the grounds in the same month drew hundreds more.

For the first time since last October Tumacacori travel shows travel increase as compared to similar months for the past year.

INTERPRETIVE SERVICE: 1,389 persons went on 216 guided trips through the mission church and grounds, receiving an average of 34.9 minutes per trip. 2,677 persons received combined information and interpretation service, and 2,665 saw the museum and patio garden.

INSPECTIONS: March 26 - Assistant Director Tolson and Regional Director Tillotson.

April 12 and 13 - Assistant Regional Director Davis and Chief Clerk Gastellum.

VISITORS: March 28 - Ranger and Mrs. Al Schroeder, of Montezuma Well, and Mr. and Mrs. Bob Frost.

March 31 - 18 pupils of the Tucson County Day School and 4 teachers, studying Spanish and S.W. history.

April 2 - Mrs. Joe McCord and Mrs. Dean Tillotson.

April 10 - 38 pupils of the Phoenix Junior College Spanish class visited the museum and garden.

April 22 - Dr. and Mrs. Howard K. Gloyd. He is director of the Chicago Academy of Sciences.

April 23 - 38 Latter Day Saints women on a special tour of Arizona.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

April 5th, 1942.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of April, 1942:

WEATHER CONDITIONS: Precipitation was .02, which is an average for the past 11 years in this vicinity. Maximum temperature of 99 occurred on April 24, minimum of 27 on April 30. Last freeze was on April 2. Flower displays in the hills are fair.

INCREASE OR DECREASE IN VISITORS: The visitor total of 2,320 makes the second highest April total in Tumacacori history, contrasted with 4,830 persons in April of 1939. The latter figure may or may not have represented a record of normal travel, for it was in that month the museum building was dedicated. The dedication drew approximately 1,000 people, and an Easter fiesta on the grounds in the same month drew hundreds more.

For the first time since last October Tumacacori travel alone travel increase as compared to similar months for the past year.

INTERPRETIVE ACTIVITY: 1,989 persons went on 216 guided tours through the mission church and grounds, receiving an average of 34.1 minutes per trip. 2,377 persons received combined information and interpretation service, and 2,603 saw the museum and patio garden.

INSPECTIONS: March 26 - Assistant Director Tolson and Regional Director Thompson.
April 12 and 13 - Assistant Regional Director Davis and Chief Clerk Gastelum.

VISITORS: March 22 - Ranger and Mrs. Al Schroeder, of Montezuma Well, and Mr. and Mrs. Bob Frost.
March 31 - 18 pupils of the Tucson County Jr. School and 4 teachers, studying Spanish and C.W. History.
April 2 - Mrs. Joe Bickford and Mrs. Dean Tillotson.
April 10 - 38 pupils of the Phoenix Junior College Spanish class visited the museum and garden.
April 22 - Dr. and Mrs. Howard R. Lloyd. He is director of the Chicago Academy of Sciences.
April 23 - 38 Latter Day Saints women on a special tour of Arizona.

PUBLICITY: April 6 - J. N. Locke, photographer for the National Geographic Society, took pictures which may partially illustrate a forthcoming article on Sonora by Frederick Simpich.

April 9 - Alfred Murray, lecturer, took photographs.

MAINTENANCE: Cylinder, sucker rod, and column pipe of the pump were pulled. The double-action cylinder was taken completely apart, thoroughly cleaned, new leathers installed, rubber washers re-faced, and the lower check valve seat was given a new rubber washer and the brass seating re-faced. Leaky breather screens were repaired. The pump is now working excellently. To our great surprise, the water was only 22 feet below ground level in the well. Low water mineral stains on the pipe are only about two feet below present water level. This is very encouraging to us, and indicates we probably have a sufficiency of water for some years to come.

The incinerator was plastered on the outside, to arrest weathering on the adobes. One trip was made to Tucson to obtain emulsified asphalt for trail work. At this writing bitumuls and gravel have been applied to most of the trail leading from the patio garden to the two residences. The road-end behind the ranger house has been converted into a gravelled terrace. A cement and masonry curb has been installed just north of the view-room museum entrance, to prevent the trail breaking off into tree watering holes. Routine maintenance, pruning and fertilizing have been kept current, and a great deal of watering done to plants.

PERSONNEL: Laborer Ramon S. Orozco entered on duty April 11, to work essentially on trails.

Ranger Brewer has taken one day of sick leave.

No annual leave was taken.

EQUIPMENT: When Messrs. Davis and Gastellum arrived they brought us a long-needed adding machine by transfer from Casa Grande National Monument.

ACTS OF GOD: On March 29 a large chunk of original plaster fell from the east end of the south wall of the corridor leading from the sacristy to the patio area east of the mission church. A couple of square feet of plaster broke entirely into bits when it fell.

LAW ENFORCEMENT: On April 6 the superintendent had a long discussion with Judge Gordon Farley, of Nogales, who is U.S. Commissioner for the county. Complete details of necessary action were laid out in connection with handling vandalism cases here, and, what is more important, the judge assured complete sympathetic cooperation in handling cases which may represent violation of the Antiquities Act. Insofar as the law allows, he apparently will go along with us.

GENERAL: Ten years ago Santa Cruz County, through its chamber of commerce, erected several roadside shrines along the Tucson-Nogales highway, each containing a statue of an historic early priest, and

PHILOLOGY: April 6 - J. M. Leake, photographer for the National Geographic Society, took pictures which may partially illustrate a forthcoming article on dances by Prehistoric Indian.

April 9 - Alfred Murray, lecturer, took photographs.

MAINTENANCE: Cylinder, washer rod, and column pipe of the pump were pulled. The double-action cylinder was taken completely apart, thoroughly cleaned, new leathers installed, rubber washers re-faced, and the lower check valve seat was given a new rubber washer and the brass seating re-faced. Leaky breather screws were repaired. The pump is now working excellently. To our great surprise, the water was only 22 feet below ground level in the well. Low water marked stains on the pipe are only about two feet below present water level. This is very encouraging to us, and indicates we probably have a sufficiency of water for some years to come.

The inclinometer was plastered on the outside, to arrest vandalism on the adobe. The tiny vis made to Tucson to obtain sufficient supply for trail work. At the existing bungalow and chapel have been applied to most of the trail leaving from the public parking in the Pueblo. The road-end behind the rangers house has been converted into a pleasant terrace. A cement and masonry arch has been installed just south of the view-room museum entrance, to prevent the trail trending off into the wading holes. Routine maintenance, painting and fertilizing have been kept current, and a great deal of watering done to plants.

PERSONNEL: Laborer Aaron G. Crosse entered on duty April 11, to work essentially on trails.

Ranger Stuart has taken one day of sick leave.

No annual leave was taken.

EQUIPMENT: Two Pasture, Davis and Gustelius arrived that brought us a long-needed adding machine by transfer from Vans Grants National Monument.

ACTS OF GOD: On March 29 a large chunk of national plaster fell from the east end of the south wall of the monument leading from the entrance to the public area east of the mission church. A sample of square feet of plaster broke entirely into bits when it fell.

LAW ENFORCEMENT: On April 5 the superintendent had a long discussion with Judge Gordon Farley, of Nogales, who is U. S. Commissioner for the county. Complete details of necessary action were laid out in connection with handling vandalism cases here, and, what is more important, the judge assured complete sympathetic cooperation in handling cases which may represent violations of the Antiquities Act. Whether or not law allows, he apparently will go along with us.

GENERAL: Ten years ago Santa Cruz County, through the chamber of commerce, erected several roadside shrines along the Tucson-Nogales highway, each containing a statue of an historic early priest, and

commemorating the quadri-centennial of Fray Marcos de Niza's entrance into Arizona. During the years casual vandals have mutilated the statues, and recently some creature or creatures in human form splashed the faces and robes of the statues with red enamel. The superintendent called this to the attention of Hanson Sisk, publisher of the Nogales Daily Herald and President of the Pimeria Alta Historical Society. The result was a blistering editorial against such types of vandalism, and a statement by Mr. Sisk that he would take up the matter of cleaning up the statues with the Society.

On the evening of March 30 a special meeting of Cub Scout Pack 46 was held at the museum. As Cubmaster I took the boys, on two groups, through the mission church by lantern light. Afterward, in the museum, the boys had a ten minute written contest to see who remembered the most of the mission story I had told them. We were quite pleased with the amount of information the boys had soaked in.

All in all, the monument is ticking quite busily along, and in good shape.

Earl Jackson

Earl Jackson,
Superintendent.

commemorating the quasi-centennial of Fray Bernardo de Lizarra's entrance into Arizona. During the years casual vandals have mutilated the statues, and recently some creature or creatures in human form splashed the faces and robes of the statues with red enamel. The superintendent called this to the attention of Herman Blake, publisher of the Morales Daily Herald and President of the Morales Historical Society. The result was a blistering editorial against such types of vandalism, and a statement by Mr. Blake that he would take up the matter of cleaning up the statues with the Society.

On the evening of March 30 a special meeting of Cop Rock Park Ad was held at the museum. As Submaster I took the boys, on two groups, through the mission church by lantern light. Afterward, in the museum, the boys had a ten minute written contest to see who remembered the most of the mission story I had told them. We were quite pleased with the amount of information the boys had soaked in.

All in all, the monument is thriving quite lustily alone, and in good shape.

Sincerely,
Superintendent.

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA.

April 26, 1949.

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for April, 1949.

Travel Data:

This month brought the amazing total of 2080 visitors as compared with the previous April high of 1727 for 1948. This figure broke all recorded records for any corresponding period. However, the current travel year is still slightly under last year, due to the past severe winter months.

Weather:

Ideal. Wind down to a minimum - which probably accounts for the heavy visitation this month.

Guide and Contact Service:

Museum, ruins and orientation contacts totaled 4685 for the month. 1810 people in 552 parties were shown through and given an orientation lecture in the museum, and 1815 people in 555 parties made the trip through the ruins. Average time spent by each party in the museum and ruins was 21 minutes.

Personnel Time:

Museum: 186 hours, 45 minutes. Ruins: 187 hours, 10 minutes. Total time for Bright: 200 hours, 5 minutes. For Richert: 173 hours, 50 minutes.

Publicity:

A technicolor movie short was filmed recently by the Jam Handy Organization, Detroit, Michigan, featuring Tuzigoot and the Oak Creek Canyon - Verde Valley area. Local people were used for the few acting parts. The movie was made for General Motors and will be distributed through Chevrolet dealers all over the country, and shown to civic clubs, church group and other audiences.

N.P.S. Visitors:

Ass't. Director Tolson and Regional Director Tillotson on April 1, and John Davis on April 18.

Con't. on page 2.

[illegible] Airlines Company
Glendale, California.

April 30, 1949.

MEMORANDUM for the Regional Director, Public Affairs.

Following is the monthly narrative report for Continental Airlines for April, 1949.

Travel Data:

This month brought the monthly load of from vicinity be compared with the previous April high of 8,820 for 1948. This figure brings all previous records for any corresponding period. However, the current fiscal year to 1949 although under last year, due to the past strong winter months.

Weather:

Ideal. Wind down to a minimum - which probably accounts for the heavy visitation this month.

Visits and Contact Services:

Tours, prior and orientation conducted total 4893 for the month. 3180 people in 882 parties were given tours and given an orientation lecture in the museum, and 1713 people in 886 parties made the trip through the plant. Foreign film spent by each party in the museum and prior was 21 minutes.

Personnel Flown:

Museum: 126 hours, 40 minutes. Passen: 147 hours, 11 minutes. Total time for flight: 300 hours, 3 minutes. For Planes: 178 hours, 50 minutes.

Publicity:

A technicolor movie short was filmed primarily by the Los Angeles Congressmen, Patrick, Bishop, Fenlong Twigger and the Los Angeles Union - Tribune Talking press. Local people were used for the acting parts. The movie was made for General Motors and will be distributed through General Motors all over the country, and shown to civic clubs, church group and other societies.

F.A.A. Visitors:

Asst. Director Palmer and Regional Director Tillinghast on April 1, and Gen. Parks on April 12.

Cont'd. on page 2.

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA.

(PAGE TWO)

Continued from page 1. April 26, 1949.

Special Activities:

Something new has been added to this Ancient City. The first annual Easter Sunrise Service sponsored by the Methodist Youth Fellowship of Clarkdale Community and Haven Methodist Churches. Services started at 6:30 Easter morning by a 30-voice young peoples choir. The service was open to the entire Verde Valley Community and a large group attended,

Lectures:

A 45-minute talk was given, by the Sup't, to a Father and Son Indian-guide Club, from Redlands, California. They have a membership of 70 who have adopted as their tribal name "The Tuzigooters". The group made the 800 mile round-trip to see the monument and camped during the night of April 9 at a nearby lake, at which place the campfire talk was given.

Approach Road:

We would like to mention the excellent cooperation we are receiving from the Yavapai County Highway Division. Mr. Ersel Garrison, County Supervisor, stated that he, and other business men in the Verde Valley, deeply appreciate the tourist trade Tuzigoot is bringing into the area,and that he definitely intends to see that the monument entrance road is given top priority and kept in first-class condition.

Maintenance:

Long sections of the flagstone trail leading to the ruins were seriously damaged, in January and February, due to constant freezing and expansion. Several days were spent cementing the loosened stones back into their original positions, and a few more days will be required before the project is completed. Antifreeze was drained from the Government pickup, and the radiator and engine block was given a thorough flushing, with a cleansing solution, in preparation for summer driving.

Superintendent.

[illegible] [illegible]
[illegible], [illegible].

(page two)

Continued from page 1. April 28, 1940.

Special Festivities:

Something new has been added to this Valley City. The first annual Barber Service Service sponsored by the Imperial Club, following of Distinguished Community and Seven Independent Gentlemen, barbers starting at 6:00 Saturday morning by a 50-voice young people choir. The service was open to the entire Verde Valley Community and a large group attended.

Entertainment:

A 45-minute talk was given, by the Imp's, in a Tailor and Sun Indian-Yolin Club, from Redlands, California. They have a membership of 50 who have adopted as their tribal name "The Tualpotsers". The group made the 500 mile round-trip to see the monument and camped during the night of April 5 at a nearby lake, at which place the sunrise talk was given.

Improved Road:

We would like to mention the excellent cooperation we are receiving from the Yavapai County Highway Division, Mr. Fred Martinez, County Engineer, stated that he, and other business men in the Verde Valley, deeply appreciate the tourist trade traffic is bringing into the area, and that he definitely intends to see that the monument entrance road is given top priority and kept in first-class condition.

Maintenance:

Long sections of the Highway that leading to the ruins were seriously damaged, in January and February, due to constant freezing and expansion. Several days were spent repairing the licensed stones back into their original position, and a few more days will be required before the project is completed. Initiative was obtained from the Government giving, and the Publicity and Engineering Division given a thorough Finishing, with a clearing ceiling, in preparation for summer driving.

Superintendent.

Walnut Canyon National Monument
Flagstaff, Arizona

April 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly narrative report of activities at Walnut Canyon National Monument for April, 1949.

Visitors this month, 1259; travel year to date, 2422.

General An unusual phenomena occurred on April 14 when a sizable stream of water said to be the first since 1937 came down Walnut Canyon. This is too deep to be crossed easily on foot and is still flowing. Lake Mary, which catches the runn-off into Walnut Canyon, is full to overflowing which accounts for the stream. Flagstaff residents report that numerous trout escaped over the barriers at Lake Mary and may later be stranded in Walnut Canyon when the stream dries up. An attempt was made to get pictures of the water in both black and white and Kodachrome.

Administration A pumice loading plant located near where the Walnut Canyon water line goes under the Santa Fe railroad tracks is being re-activated. Activities are being watched to see that they do not endanger the water line.

A meeting was held April 9 concerning a revised contract for water from Flagstaff supplied through the Eldon Water and Pipe Line Users Association. This was attended by Chief Clerk Gastellum, Ranger Leding, Mr. Paul Babbitt representing the water users and Mr. Pulliam, City Clerk, Flagstaff. According to a ten year contract expiring in November of this year the Eldon Water and Pipe Line Users Association has been obliged to sell water to Walnut Canyon at 65¢ per thousand gallons while it cost the water users more than three times this much. It has been recommended that the city of Flagstaff credit the Water Users with the differential. It appears that an equitable agreement has been reached.

Ranger Aubuchon briefed Hastings on the maintenance of the telephone and water systems. The seven miles of water line was traversed with the location of 17 air release valves and five meters for permitees noted. Aubuchon did a good job in acquainting Hastings with the general location of various utilities, valves, outlets, etc. and the operation of the systems.

The inventories of all tools and equipment were checked and accountability transferred to Hastings.

On April 19 there was a meeting between Assistant Regional Director Davis and Mr. Fred. M. Wilgus, local manager of the Arizona Electric Power Corporation concerning commercial power for Walnut Canyon. The installation expected to be completed in November, 1947 may be completed this fall.

Personnel Former Superintendent Beaubien's household effects were moved by van on March 28 after considerable delay due to deep snow.

Ranger Leding was in charge at Walnut Canyon April 3 to 9 while Ranger Aubuchon went to El Morro to get acquainted with the area.

Superintendent Hastings transferred from Montezuma Castle to Walnut Canyon on April 11 and Ranger Leding from the same area on April 19.

On April 18 Ranger Aubuchon transferred to El Morro to become Superintendent of that area.

Visitors The 1259 visitors reported for Walnut Canyon this month includes only those who registered or were contacted. No estimate has been added for those who came but did not register. The percentage of contacts was very low due to the personnel being occupied with packing or unpacking, learning the location and operation of various utilities, etc.

Maintenance One of the two Onan light plants was overhauled on April 15 and failed to start after about two hours of cranking. A mechanic from Flagstaff was able to start it only after returning to town for a mechanical cranking device. We have since usually been able to start it with difficulty.

The drain from the septic system was found to be completely obstructed and was cleaned.

Brass plates were made to cover the locks on both restroom doors and the door from the museum lobby onto the Point so they could not be locked accidentally.

Decal number were attached to several pieces of equipment for which the numbers were on hand but had not been applied.

Protection New 1 qt. carbon tetrachloride extinguishers were installed in both the Dodge and International trucks.

N. P. S. Visitors Assistant Director Tolson and Regional Director Tillotson visited the area on April 1. The new road grader assigned to Navajo was being held at Walnut Canyon and it is reported that Mr. Tillotson drove the grader to help pull a car out of the mud.

On April 3 the following were here on their way to the fire school at Grand Canyon: C. E. Johnson and Irwin D. Kerr, Sequoia; Homer W. Robinson, Arthur Holms, and Louis W. Hallock, Yosemite; Jack Wade, Mesa V.

Regional Forester Clrlson visited the area on April 9.

Archaologist Aid Rixey was here April 20 to pick up his car and some of the ruins stabilization equipment.

On April 19 Troy V. Strickland, Road Foreman and a helper were here from Petrified Forest to pick up a surplus compressor and pneumatic tools.

Rehabilitation Cleaning and painting is progressing is the ranger's quarters. Work in the hall is complete and is going foreward in the bathroom and living room.

Homer F. Hastings,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

White Sands

Box 231, Alamogordo, New Mexico.

April 22, 1949.

MEMORANDUM for the Regional Director, Region Three.

APRIL TRAVEL, 1949	TRAVEL YEAR TO DATE
Visitors, 16,177 Cars, 3,455	Visitors, 110,349 Cars, 26,310

GENERAL: April proved to be a very interesting month in many ways. It surpasses, by a wide margin, any other April in our history, with 16,177 visitors in 3,455 vehicles. Its Play Day on the 9th surpassed any other in our history, as did Easter Sunday, April 17. It brought us heavy dust storms, snow storms, sleet, rain, a taste of what we may expect this summer, scouts for a movie location, the first White Sands Relays, and, although last but not least, by any manner or means, our D-12 Road Grader. On the darker side, it records our first accident involving our Operator General, Joe Shepperd. There will be a noticeable loss of man hours due to this accident.

PLANS, MAPS & SURVEYS: We had hopes of doing some work on our Master Plan, boundary studies, and a few patrols to check on some Army permits in our South and West portion of the Monument, but as yet very little has been accomplished on these projects. We did spend a few minutes going over a little of our boundary, but this was done on Play Day morning, when only a few minutes were available. We were able to survey a few obsolete pieces of equipment, the removal of which will tend to improve the looks of our Utility Area.

PUBLICITY: We never want for publicity, and the press throughout the Southwest featured our Play Day. Sports Sections carried accounts of the White Sands Relays, and the trophy awards were well publicised. The Holloman Air Field printed a nice program on our Easter Services, and, of course, the possibility of a movie setting always creates publicity. U. S. Highway No. 54 is holding a convention in Alamogordo, and here too, we are getting considerable publicity, all along Highway No. 54 from virtually Mexico to Canada.

COMPLAINTS: No complaints, written or verbal, have been received on either our Service or the Concession. Our Play Day arrangements this year embodied many suggestions made last year, and everyone seemed well pleased.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone

Yellowstone, Wyoming, the Park.

April 22, 1940.

MEMORANDUM for the Regional Director, Region Three.

Visitor Traffic, 1940 Traffic Year by Days

Fridays, 12,177 Cars, 3,420 Saturdays, 10,260 Cars, 2,150

SPECIAL: April proved to be a very interesting month in many ways. If memory serves, by a wide margin, any other April in our history, with 18,177 visitors in 3,420 vehicles. The fifty-two on the 26th surpassed any other in our history, as did twelve today, April 22. It looked as heavy from above, near Fort, Dead, Fish, a table of data in my report this morning, merely for a week Saturday, the first which finds Salt Lake, and, although last but not least, by any manner of means, the 3-ft road drifts. In the Bridger site, it reports our first accident involving our operator division, the Ranger. There will be a motorcycle law of one horse due to this accident.

FIRE: NONE A REPORT: We had hopes of doing some work on our Fallen Tree, Cascade, Whites, and a few others to clean up some stray pockets in our back and East portion of the Reservoir, but as yet very little has been accomplished on these projects. We did spend a few minutes going over a little of our boundary, but this was done on Thursday morning, when only a few minutes were available. We were able to survey a few choicest places of sylvanus, the reason of which will tend to improve the lands of our Bridger area.

PUBLICITY: We never want for publicity, and the press representatives featured our fly day. Sixty national motion picture cameras of the Bible Dawn Fairy, and the Trumpet Vernis were well publicized. The Bellanca air flight planted a plan prepared by our Rather Derived, and, of course, the cancellation of a week ago-Friday always creates publicity. G. A. Tilney Co. is making a correction in Jamestown, and here too, we are getting considerable publicity, all along Tilney Co. is free virtually helps to Canada.

COMPLAINTS: No complaints, written or verbal, have been received on either our Service or the concession. Our fly-by arrangements this year resulted many inquiries made last year, and everyone seemed well pleased.

Superintendent's Narrative, continued.

ROADS & TRAILS: In spite of several severe winds, our roads have been in good shape the greater portion of the time. Our big event being the acquisition of a No. 12 Diesel Grader. Messrs. Meadows and McPherson from Grand Canyon delivered it to us, and it is really a big help. Some work was done on our trails recently and a portion yet remains unfinished. We hope to get some of this done before the summer season, but our prospects do not seem too bright at present.

CONCESSION: The White Sands Service Company is showing a gain on sales this month, although much of it may be traced to the increase of travel on Play Day. The over-all the first three months shows a loss, but, of course, our heavy travel is ahead.

RANGER SERVICE: Heavy travel has made the duties of our Ranger Service mostly clean-up, garbage and water hauling. Little time has been given to patrols or activities normally covered by the Ranger's curriculum. Clerk Cota has eased our load by his help in cleaning the Administration and Museum Buildings and relief at the checking station.

UTILITIES: Our Dog Canyon water source is holding up well, with little danger of any particular shortage this year. The Army source, seemingly, has played out more or less, and I see in the paper where the Army is to use Alamogordo City water once again. This may mean another shortage this summer, or at least it has been thus in the past. We have not heard any more on our getting REA power, but the last we heard it was still a possibility.

VISITORS: Early in the month we were surprised by a visit from Mrs. McCord and Mrs. Kunter, who, it seems, are taking in some of Regional Director Tillotson's charges. I got them part-way down a dune and made them promise to give us a good send-off before going all the way down. Both promised - hurriedly. Tilly's sister will soon take in all of the Region Three areas, which is quite a feat for a hoosier.

Associate Director Patraw and Clerk Pete Suazo came down to help us on Play Day, as well as our good friends and neighbors, Superintendent and Mrs. Bowen of Gran Quivira. We certainly appreciate the help of these folks as we can certainly use help on Play Day.

SPECIAL ACTIVITIES: Of course, the big event of April is Play Day. This year Play Day was the best ever. We had 6,399 visitors in 1, [illegible] vehicles [illegible]r Concession booths were much better

Superintendent's Narrative, continued.

RUNNING A TRAILS: In spite of several heavy showers, our trails have been in good shape the greater portion of the time. The dry weather being the exception of a few. If Great Lakes, Sherwin, Hudson and Watkinson from Great Dunvon delivered it to us, we do in really a big help. Some work was done on our trails recently and a portion yet remains unfinished. We hope to get more of this done before the summer season, but our prospects do not seem too bright at present.

CONCESSIONS: The Pine Lands Lumber Company is showing a lack of their usual method, although most of it may be traced to the increase of travel on Play Day. The over-all is fair since showing there a loss, but, of course, our heavy travel is round.

WATER SUPPLY: Heavy travel has made the duties of our Ranger Service rather clean-up, garbage and water hauling. Little time has been given to patrols or activities usually carried by the Ranger's curriculum. Clear tub has been our load by his help in cleaning the Administration and Dining Buildings and pail at the cleaning stations.

UTILITIES: Our Dry Canyon water source is holding up well, with little danger of any particular shortage this year. The Army Tavern, recently, has placed out more or less, and I see in the paper where the Army is to use Alamogordo City water once again. This may mean another shortage this summer, as it has it has been thus in the past. We have not heard any more on our pending TVA power, but the last we heard it was still a possibility.

VISITORS: Early in the month we were surprised by a visit from Mr. Ballard and Mr. Kanter, who, it seems, are taking in some of Regional Director Tillotson's charges. I put them performing some a time and made them promise to give us a good week-off before going all the way down. Both promised - hopefully. Tilly's Master will soon take in all of the Region Three areas, which is quite a feat for a heater.

Associate Director Tolson and Chief Park Ranger Cox have come to help us on Play Day, as well as our good friends and neighbors, Superintendent and Mrs. Somes of Lake Valley. We sincerely appreciate the help of these fellows on our activities on Play Day.

SPECIAL ACTIVITIES: Of course, the big event of April is Play Day. This year Play Day was the best ever. We had 2,000 visitors in 1, [illegible] vehicles [illegible] Concession booths were best better

Superintendent's Narrative, continued.

We added a large shade to our picnic area where the "Old Timer's Reunion" was held. The Army had a nice display, consisting of a V-2 Rocket from White Sands Proving Grounds, buzz bombs, smoke signals, baloon ascents, a helicopter, and a jet plane. While the "Old Timers" were reminiscing on their coming into this country in ox carts, covered wagons, etc., the jet plane buzzed the crowd at 575 miles per hour. Quite a contrast to the ox cart speed.

Then, too, this year the White Sands Relays were held for the first time. A number of schools were entered and their coaches were high in their praise of the event. Many trophies were awarded, and the interest in keeping these cups will soon become greater as the event grows.

Not to be out-done by Play Day, Easter Service was well attended, and the day brought us well over 2,500 visitors. The Sunday before Easter we had a regular snow storm, and the day after Play Day was also adverse. I guess we lived right this year.

ACCIDENTS: We had the misfortune of our worse employee accident in our history. Joe Shepperd, Grader Operator, broke his ankle when the front wheel of the D-12, which he was removing, threw him off balance, causing him to fall. The wheel fell across his foot. We regret this accident, but Ranger Chittum will keep our roads open, and we are looking forward to our regular traffic for the month of May which, although it will be less than the current month, it will be an increase over the past like months. We will attempt to at least keep up, even though we do not have any hopes of doing much catching up.

Johnwill Faris,
Superintendent.

Squirrelchasers' Carrier, continued.

[illegible]

We added a large show to our plans over above the "Old Timers Reunion" was held. The Army had a new display, consisting of a V-2 rocket from Holloman Air Force Base, a jet fighter, two bombers, some gliders, balloon racers, a helicopter, and a jet plane. While the "Old Timers" were reminiscing on their racing days this country is on earth, several engine, etc., the jet plane became the crowd at 570 miles per hour. Quite a contrast to the no more speed.

Then, for, this year the Mile Sprint Dayne were held for the first time. A number of schools were entered and their counties were high in their praise of the event. Many trophies were awarded, and the interest in keeping these cups will soon become greater as the years pass.

Not to be out-done by Play Day, Easter Sunday was well attended, and the day brought us well over 1,000 visitors. The Sunday before Easter we had a regular show room, and the day after Play Day was also advertised. I guess we lived right this year.

CONCLUSION: We had the misfortune of our worse accident in our history. The Chopped, Dealer Operator, broke his ankle when the front wheel of the I-16, which he was running, threw him off balance, causing him to fall. The wheel fell across his foot. We report this accident, but Danger Dalton will keep our racing open, and we are looking forward to our regular traffic for the month of May which, although is all be less than the current month, it will be an increase over the past like months. We will attempt to at least keep up, even though we do not have any hopes of ever reaching up.

Sincerely Yours,
Squirrelchasers.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

April 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of April 1949:

Weather: Typical spring weather prevailed the entire month- little rain, some wind, maximum temperature 82°, minimum 32°. Precipitation totaled .31" which is about normal.

Roads: All approaches are passable and in fair condition. U. S. Hiway 89 has been patched extensively and we are told that the section from 66 to beyond Wupatki will require a new seal coat this summer. We think our roads within the Monument are in fair condition, but visitors complain about dust.

Travel: The travel season started with a boom. Visitor use increase more than 40% above last year and 200% above last month. At Wupatki 318 visitors registered and 221 at the Citadel. A total of 256 received guide service.

Public Relations: Three illustrated lectures were given during the month at the Flagstaff Rotary Club, 20-30 Club and the Flagstaff Soil Conservation Association. The latter group, made up of local farmers, were interested in prehistoric soil conservation practices to compare with methods they were using today. Needless to say, they were a most interesting and appreciative audience.

Grazing: The CO Bar Company has been having difficulty since January with leakage in the Deep Well pipeline because of the excessive freezing action early in the winter. All water at Deep Well has been hauled for the past three months. The cattle are being moved closer to Spider Web to eliminate this haul. Grazing during the past month has not exceeded 200 head.

Visitors: NPS visitors included John Davis on the 2nd, and the following men who attended the Fire School at Grand Canyon: Irvin D. Kerr and C. E. Johnson of Sequoia National Park, Frank W. Childs, Region Two; Charles

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Saratoga NATIONAL MONUMENT

Saratoga, Arizona

April 22, 19[illegible]

Superintendent, Saratoga National Monument, Saratoga, Iowa.

Dear Fellow: A report of activities at Saratoga National Monument for the month of April that:

Battery Tactical firing session presented the entire month - 51st gun, 2nd wind, combined temperature 82°, maximum 71°, precipitation 3/4", 22" which is above normal.

Repair All equipment was provided with fair weather. It is hoped the new product satisfactorily and we are sure that the quality [illegible] the report Saratoga will replace a new steel and this winter. It is [illegible] really within the [illegible] are in fair condition, but eighteen months about [illegible].

Travel The travel season started with a bang. Visitor-use Statistics were down for above last year and 2000 more last month. We expected six military regulations and 22[illegible] on the [illegible]. A total of 22[illegible] public service.

Public Relations Some illustrious lectures were given during the month of the Saratoga Amateur Club, 20-30 club and the Saratoga Bird Conservation Society. The latter group, made up of local citizens, were interested in preservation and conservation in general. We [illegible] that were going [illegible]. Believe to say, they made a good impression and appreciative audience.

Operation The US Bar Company has been having difficulty since January with leakage in the Deer Hill pipeline because of the [illegible] water in the state. All water is long Hill has [illegible] the [illegible] three months. The [illegible] have [illegible] this [illegible]. Finally during the past week [illegible]

Visitors 22[illegible] visitors included Dan Sacra on the [illegible] who was attended the Fine Arts at Fried Bangor [illegible] Dr. [illegible] Museum of Natural History, Frank E. Spine, [illegible]

Humberger, Isle Royal NP and Ernest K. Fields, Rocky Mountain NP. It was a pleasure to have the opportunity to meet these men.

The Flagstaff High School Hiking Club visited Crack in the Rock Ruin early in the month, approaching the ruin from Wupatki Basin.

Personnel: April also was a month of many changes. The Aubuchons took off in a flurry from Walnut Canyon, but we are pleased to have the Hastings and Ledings close enough to have the opportunity of our getting to know them better. Ranger Reynolds drove our stake truck to El Morro transporting household effects and came back full of enthusiasm for Auby's new spot. Maintenanceman Bean is at present somewhere between here and Navajo Nat'l Monument to present Jimmy with his new motor patrol. Jones was on sick leave from April 3 thru the nineteenth to have a minor operation. He is still on the wobbly list, but at work.

Spring Flow: Wupatki Spring decreased from 1200 gpd to 1152, while Heiser showed an increase from 2880 to 3085gpd.

Road Maintenance: The primary effort of the month was concentrated on the road from the Earth Cracks to Hiway 89. Ninety three yards of cinder was hauled to lay down some of the dust. Experiments have shown that the fine material is better than coarse which is thrown out of the road by the cars. Eighty yards of clay was hauled on to rocky portions . The ti e element involved in hauling was checked. For a ¼ mile haul the time elapse per load was 13 minutes. This included loading, hauling, spreading and return trip.

Publicity: An interesting article on our road problems at Wupatki and Sunset Crater appeared in the Arizona Daily Sun on March 28. Illustrated with a photograph of the new patrol working at Sunset, the emphasis was placed upon recent acquisition of the new equipment and the need for ~~our~~ additional appropriations to imporve the roads.

David J. Jones
David J. Jones
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

June 13, 1949.

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Bandelier	Brinnevis	June 20, 1949	June 22 1949
El Morro	Cuthuchon	July 5, '49	July 6, 49
Canyon de Chelly	Gullet	July 8, 49	July 10, 49
Chaco Canyon	[illegible]	7-15-49	7-16-49
Aztec Ruins	J. Hammond	7/18/49	7/20/49
Arches	B.E. Wilson	7-21-49	7-22-49
Great Sand Dunes	Dell Sowers	7-25-49	7-27-49
Capulin Mountain	[illegible]	7-27-49	7-30-49
Gran Quivira	Wm. J. Bowen	8-1-49	8-2-49
White Sands	J. Williams	8-3-49	8-4-49
Region Three Office--Mr. King			

(List No. 1.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

June 8, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is the narrative report for the Naturalists of the Southwestern National Monuments for May, 1949.

Staff Activities, General

Naturalist Dale S. King was in the office the whole month; Archeologist Charlie R. Steen made one trip to Aztec Ruins and Chaco Canyon.

Interpretive Administration

Museum Curator Macy finished drawings for the Montezuma Castle booklet and the manuscript was completed by King and mailed to the Director May 6. King read page proof on the Sunset Crater two-fold leaflet; notified the Director of the number of desired reprints of the Geological Section of the Colorado River report; corresponded with Walnut Canyon regarding needed trail leaflets; and sent out the regular reminder to the field to check insect repellants in museum storage cases.

Progress of Exhibit Plans and Projects

Material in the library, mostly notes of proposed exhibits, was sent to Casa Grande for the use of the staff in planning.

King corresponded with Gran Quivira regarding a proposed wayside exhibit. Steen spent a great portion of the month preparing two display panels for the new exhibit room there.

Research and Observations

Mostly on personal time King finished the Nalakihu report and sent it to the printers on May 17. No Southwestern Monuments Association funds are involved in its publishing, which is to be handled entirely by King and the Museum of Northern Arizona.

Further correspondence was had with the Director and Canyon de Chelly regarding an application to collect study skins.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

June 6, 1939

Director for the Regional Director, Region Three.

The following is the narrative report for the Bandelier National Monument for May, 1939.

<u>Staff Activities, General</u>

Superintendent Jack E. King was in the office the whole month; Assistant Charlie E. Steen made one trip to Santa Fe and Los Alamos twice.

<u>Interpretive Administration</u>

Museum Curator Ruby Fielden attended meetings for the museum design committee and the monograph was completed by Ely and sent to the Director for E. King and page proof on the Tsankawi trailer ten-item leaflet; writing the literature of the museum of Desired revisions of the Indigenous Lectures of the Schools Art report; corresponded with Indian tribes regarding needed ritual leaflet; and met with the regular committee in the field to close ritual expeditions in Mesa Chapin area.

<u>Improvement of Public Place and Property</u>

Material in the library, mostly notes of Bandelier material, has been in less demand for the use of the staff in planning.

Also corresponded with Dan Jenkins regarding a proposed motion exhibit. Also sent a list portion of the work photographs for display purposes for the new exhibit room there.

<u>Research and Observation</u>

Staff on personal time also finished the bulletin report and sent it to the printer on May 17. Mr. Lorimer Summers immediately finds his involved in its publication, which is to be handled entirely by him and the Bureau of Indian Affairs.

Further correspondence was had with the Director and Dayton in Daily regarding an application to publish study Lime.

Cooperative Activities

King gave a talk illustrated by slides at the open house for N.F.F.E. and another short talk at a meeting of the Santa Fe Tourist Host School. Attendence was about 100 at each affair.

Loan Library

Accessions totalled 74, including 10 books, 38 pamphlets and 26 periodicals. The more important books received were:

Mandlin, Oscar - This Was America, Harvard University Press, Cambridge, 1949. Accounts, by Europeans, of American Life and manners from colonial times to the present.

Martin, Paul S., Rinaldo and Antevs - Cochise and Mogollon Sites, Pine Lawn Valley, Western New Mexico. Fieldiana, Anthropology, Vol. 38, No. 1, Chicago Natural History Museum, Chicago, 1949.

Prescott, William H. - Conquest of Mexico. Edited by Marshall McClintock Julian Messner, Inc., New York, 1948. Condensed version of the Conquest.

Southwestern Monuments Association

King spent 3/4 of the day, May 7, on personal time at San Ildefonso, and Santa Clara Pueblos making arrangements to take Association pictures of Indian activities. He obtained quotations from local printers on reprinting the Montezuma Well booklet and the mail book list.

An excellent series of photographs were received from Marvin Frost Sr. to be used in the next edition of "Poisonous Dwellers of the Desert."

Treasurer Vedder made the usual two deposits and one disbursement. This month: 152 covers, including 29 letters and 18 purchase orders.

Considerable time was spent on making an inventory on stock at headquarters, as he shall not be able to do it at the fiscal year end date of June 30th. Also some time was spent on doing bookkeeping in preparation for the year-end report. The usual time on the usual duties, except that the business reply cards are coming in faster now, and they have to be coded and alphabetized. Luis Castellum cut over 1,300 stencils on new names.

A little over two days were taken on sick leave.

A small exhibition of the books published for the National Park Service was prepared for the open house for Federal employees and Santa Fe residents on the night of May 18.

Visual Aids

King wrote a letter to a manufacturer in an attempt to obtain file holders for 35 mm slides to revise and improve our filing methods.

Visitors

Superintendents Bowen and Aubuchon.

Unusual Activities

King prepared a letter to a conservationist who recently expressed criticism of interpretive work in the Southwestern National Monuments.

Ruins Stabilization

King prepared a letter to a visitor explaining preservation policies in respect to the small kiva formerly roofed at Aztec Ruins.

King and Steen wrote letters to collaborator Rutherford J. Gettens of Fogg Museum who will inspect paintings and plaster at Tumacacori Mission June 12.

Information received from Mesa Verde indicates that the deer repellant being tried at Colorado National Monument is not suitable to repel bats.

Steen transported Mobile Unit tools to Aztec Ruins and Chaco Canyon. The unit finished its planned work at Aztec Ruins and Archeologist Gordon R. Vivian moved to Chaco Canyon.

Aid to Administrators

King prepared the condensed report for Southwestern National Monuments.

Projects for June

King will prepare the general condensed report, supervise the reprinting of the Montezuma Well booklet and Association mail material, and will spend considerable time in the editing of two-fold leaflets and other government material.

Steen will go to Gran Quivira June 1 to install exhibits and to Tucson June 10 to accompany Collaborator Gettens to Tumacacori.

SIGNED

Dale S. King
Naturalist

APPROVED FOR DISTRIBUTION

SIGNED

Regional Director

June 7 1949.

cc: Mr. Davis (2)
cc: Mr. Dodge (2)

Thermal Data

Kilg wrote a letter to a manufacturer in an attempt to obtain this thermal data for 3M do which by virtue and improve our filing procedure.

Vacuum

Investigations proved and concluded.

Thermal Stabilization

Kilg prepared a letter to a laboratorialists who presently experiment with stabilization that is the microwaves thermal measures.

Motor Availabilities

Kilg prepared a letter to a vendor evaluating preservation pilotine in respect to the small bore formerly tested at Adam Plain.

Kilg and Frees wrote letters to calibration laboratories i. Jerrous of Pada Lumens who will impact pointing and lighter of thermocouple Bialite Pro. 12.

Information received from Mole Turbo Laboratory that the new experiment being tried at Gaseous Thermal Measures is not suitable to equal data.

Frees transferred Zenlie Cam which is large noise and damage chamber. You will finished the planned work at Adam Plain and Irrationalist Zenlie 2. Kilg moved to Jones Lodge.

Job in Jeopardy

Kilg prepared the Thermal report (2) Jeopardy (Pilot) Accounts.

Trials for Year

Kilg will prepare the Quarter Analytical Report. Monitor the Operation of the Electrum cell Lumion and Jacquelin cell Jewelry, and will assess Quantitatively Kilg is the Ability of Pro-Jet Infrint and Kilg Jetstream Material.

Kilg will go to New Jersey Pass 3 to Lorbel Mobilit and in Tunnel Pass 12 to Jeopardy Calibration Optics to Tomorrow.

Signed:

Date c. Jeopardy
Director

Approved the Expenditure

Approved

_____ Pass ____ 1941.

Magnetic Director

cc: Mr. Kilg (2)
cc: Dr. Lodge (7)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT
Moab, Utah

May 29, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a Narrative Report of activities in Arches National Monument for the month of May, 1949.

WEATHER: We received two good rains on May 12 and May 17. Three light rains fell over the Monument, but barely settled the dust. Local people tell me that it is just getting warm here, but the temperature has not lingered long in the cool range that I have been used to.

TRAVEL: Again the all-time record for any single month was broken by the arrival of 1684 visitors in 507 cars. This total would have been higher, but one weeks registration sheets at the Delicate Arch parking area were devoured by hungry cows. We are proud of our registered stock, but would appreciate it very much if they would refrain from making a box lunch out of our travel count.

INTERPRETIVE SERVICE: Contact time amounted to 46½ hours in which 647 visitors received information about the area. Sixteen letters of inquiry were answered.

NOTED VISITORS: Mr. Ray Garner, world renowned mountain climber, photographer and lecturer arrived on May 21 to spend six weeks photographing in the area. During a three-day cloudy spell, which halted his work here, Mr. Garner climbed Agathla Peak in Monument Valley. He and his two companions accomplished the feat in 25 hours and over one stretch of the ascent they gained only 500 feet in eight hours.

INSPECTIONS: Harold M. Ratcliff arrived on the evening of May 6. May 7 was spent checking livestock watering locations and driveways within the monument. May 8 Mr. Ratcliff went over all grazing permits and inspected Forest Fire equipment, electrical wiring and gas installations. He recommended that all fire hazards be corrected and this will be done as soon as money is available in our 1950 allotment.

ROADS: Monument roads have been in excellent condition during the entire report period. The two heavy rains did little damage and mainly served to compact any loose sand.

copy

GENERAL: Maintenanceman Winbourn spent five days on a trip to Casa Grande National Monument to pickup the front-end leader for Arches. One weeks work was all that was necessary to keep the roads in excellent shape. The patrol was brought in for servicing and the front-end leader was tried out here at headquarters by loading gravel for the utility area. With a few adjustments a great deal of material was loaded with this small piece of equipment. Maintenanceman Winbourn constructed a trailer hitch for the dump truck which can now be hauled behind the Patrol. This will save a great many hours of time and eliminate the assistance of another driver by having the two units together.

The old hay barn was moved and placed on a masonary footing beside the trailer house. If funds ever become available it won't take long to make this unit livable for Ranger Worthington and his family.

NATURAL BRIDGES NATIONAL MONUMENT: All equipment was hauled to Blanding for Natural Bridges National Monument on May 12. Our intention was to go on into the monument, but heavy rains made the road impassable. Mr. Wiley Redd was employed as laborer leadman to construct, paint and place six new road signs. The sign job was completed and Mr. Redd went off duty temporarily until the road is passable.

Bates F. Wilson,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

MEMORANDUM for the Regional Director, 24 May 1949
Region Three, National Park Service.

There follows the report of activities in Aztec Ruins for May 1949.

WEATHER: Windy, blustery days with generally clear skys have prevailed. We received slightly over 1 inch rainfall during this report period, and on the whole weather has been quite favorable for tourist travel.

INSPECTIONS: Ken Saunders visited regarding the repair to the new residence and the removal of the old residence, 28 April.

Charlie Steen visited the 3 May and with Gordon Vivian inspected the East Ruins in this area for needed repair.

PLANS, MAPS: The Regional Office prepared plans for landscaping the area surrounding the new residence.

MAINTENANCE. Carpenters in applying the plaster board in the kitchen of the new residence drove a nail thru one of the copper pipes of the water system, resulting in damage to cabinets and wall plaster. The domestic water pump required some attention due to faulty circuit connections. The boundary fence, along the Hubbard Mound Area, is complete. We are currently recovering the leaking portions of the great kiva roof and making repairs to other roofs in the ruins area.

New CONSTRUCTION: The crews under Gordon Vivian have completed their stabilization in the East Ruins, completeing a roof over two adjoining rooms that were stabilized.

INTERPRETIVE SERVICES. There were 1131 visitors in 199 groups shown the museum and 807 visitors in 112 parties conducted thru the ruins.

INCREASE IN TRAVEL. We have had a 6.4% increase in travel with 1131 visitors from 35 states, Alaska, Canada, ~~mm~~ Chili, England and Uraguay.

VISITORS: B. H. Moddy, British Consul, Denver; Walter Bryant, Indian Service, Toadlena, N.M.; Chas. Hearing, Ind. Service, Wash. D.C.; Mr. and Mrs. James Cole, Land Office Southern Union Gas Co.; Mr. and Mrs. Van Soelen, School of American Research and Museum of New Mexico; and in addition we enjoyed school classes from 8 different schools in New Mexico, Colorado, Texas and Utah.

Irving M. Townsend,
Superintendent.

AZTEC

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

AZTEC RUINS NATIONAL MONUMENT

AZTEC, NEW MEXICO

One interested group from Washington

The Ignacio, Colorado Indian School, senior class. A yearly event for this school to visit Aztec Ruins as it is for some 10 to 15 other schools in the "4-Corners" country.

The interested group from Washington.

The interested group from Washington.

The Tyonek, Indiana Indian School, senior class: A yearly event for this school to visit Native Alaska as it is for some in the lower schools in the "1-classroom" country.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

May 29, 1949.

Memorandum for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of May, 1949.

Weather

The weather throughout the month was generally very pleasant with temperatures ranging from 34 degrees on the 20th to 88 on the 24th. The average minimum temperature was 43 and the average maximum 75. There were three thunderstorms that brought 1.05 inches of moisture during the month.

The good weather brought out an unusual number of visitors for this early in the season and the campgrounds were overflowing on weekends.

Special Activities

The Superintendent spent some time this month meeting with officials of the telephone company and Atomic Energy Commission relative to the construction of a telephone line on the power line poles between headquarters and White Rock camp. A meeting was held on the 26th in the Forest Service office in Santa Fe that was attended by representatives of the Forest Service, Park Service, A. E. C., and telephone Co. Construction has started on the line and we are assured of an emergency connection on to the Mountain States lines in three or four weeks. The permanent connection will be delayed until the switchboard at White Rock is installed.

Maintenance

The water system intake became so badly filled with silt that it was necessary to dig it out and clean it. One section of the intake pipe was replaced with tile and new gravel was repacked around it. It was necessary to pack the gravel for about one mile on mules from the end of the road to the intake.

The refrigerators at the lodge were all checked and put in good working order.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

July 15, 1944.

Superintendent
National Park Service
Washington, D. C.

Dear Director:

Here follows a report of the activities at Bandelier National Monument for the month of July, 1944.

Weather

The weather throughout the month was generally very pleasant with temperatures ranging from 32 degrees on the 26th to 88 on the 12th. The average minimum temperature was 41 and the average maximum 78. There were three thunderstorms that brought 1.27 inches of moisture during the month.

The good weather brought out an unusual number of visitors for this early in the season and the campgrounds were inadequate on weekends.

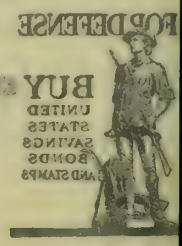
Special Activities

The superintendent spent some time this month dealing with officials of the Telephone company and Rural Power Cooperative relative to the construction of a telephone line on the power line poles between headquarters and White Rock Park. A meeting was held in the City in the Forest Service office in Santa Fe that was attended by representatives of the Forest Service, Park Service, R. E. A., and Telephone Co. Construction has started on the line and we plan to have it of an emergency connection to the Frontier Trails line in Los Alamos. The permanent connection will be delayed until the maintenance at White Rock is completed.

Maintenance

The water system issue seems to finally drift into shape that it was necessary to fill it out and clean it. The section of the intake pipe was replaced with pipe and the gravel was repacked around it. It was necessary to push the gravel for about 100 feet on mules from the end of the pipe to the intake.

The refrigerator in the lodge was all cleaned and put in good working order.



An electric line was run from the power house to the fire lookout to provide power for a radio that was loaned from the A. E. C.

The patio at the lodge dining room was repainted and a second coat of paint was put on the comfort station floors.

Approach Road and Trails

The approach road stayed in good condition with the exception of being dusty. Earlier grading proved its worth when rains drained off rapidly and did not cause bad spots.

The trails to Caplin Canyon, Upper Crossing, and Rio Grande were checked and made passable by removing downed trees and rock slides.

The first part of the ruins trail was given a treatment of dust pallative with Sani-Soil Set, a product of the Gulf Oil Co.

Concessioner

The season has started out rather poorly for Frijoles Canyon Lodge although it is a little better than last year. There were a total of 115 lodgings as compared with 93 for a year ago.

Some difficulty has been experienced with getting a chef for the lodge kitchen. The first two stayed about one week each but the present chef seems to be more dependable.

Interpretive Service

A total of 139 trips with 1913 visitors were guided through the ruins. 2553 persons received interpretive services which included the museum and Trails to Sankawi.

Cooperating Non-Government Agencies

Approval was received for continuation of the Archeological field school from Adams State College, Alamosa, Colo. A meeting was held with A. E. C. officials, that was also attended by Professor Norman, concerning areas under Commission jurisdiction on which the archeological survey will be allowed this year.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Travel

Travel increased considerably this month over any previous May. There were a total of 4585 visitors as compared with 3019 for a year ago. This is the greatest number of visitors ever to be checked in in May and even exceeded the travel for July, 1948.

The largest travel for a single day in the history of the Monument occurred on the 22nd when 708 visitors were checked in. This exceeded the previous largest day on August 8, 1948 when 683 visitors entered the Monument.

Visitors

The annual instruction meeting for 300 atomic Energy Commission scientists from all over the country was held at Los Alamos this year. They visited the Monument on the evening of May 5 for a buffet supper at the Lodge. Just before the supper they were conducted through the ruins on a special tour that was arranged for the occasion.

Mr. and Mrs. Max Waibel and Mr. and Mrs. Max Husmann, military attaches from Switzerland visited the area on the 6th.

School parties from Las Vegas, El Rancho, Los Alamos, Santa Fe, Pojaque, Espanola, and Santa Cruz visited the area during the month.

Ranger Service

W. A. E. Guide S. J. Thomas was entered on duty on weekends starting May 14 and will be converted to temporary ranger about June 1.

Fish Cultural Activities

4000 legal size rainbow trout were released in Frijoles Canyon on May 10.

Forest Fire Protection

Three fire control aides were entered on duty the first of the month. They were Augustine Pino and Cresenico Toribio, Zia Pueblo, and Jerry Hall, Santa Fe. A number of lighting storms

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Travel

Travel increased considerably late month, over any previous May. There were a total of 1193 visitors as compared with 3013 for a year ago. This is the greatest number of visitors ever to be counted in May and was achieved despite rainy days.

The latest count for a single day in the history of the monument occurred on the 22nd when 204 visitors were counted in. This exceeded the previous highest for an month by 1,000 when 3,000 visitors entered the monument.

Visitors

The annual institutes meeting for the middle county teachers extended from all over the country was held in the Chaco this year. They visited the Monument on the evening of May 3 for a buffet supper at the Lodge. Just before the supper they were conducted through the ruins on a special tour that was arranged for the occasion.

Dr. and Mrs. Ray Lyman Wilbur, Mr. and Mrs. Lee Thomson, military aviators from the Lexington visited the ruins on the 4th.

Senior journalists from the Japan, El Sendero, Los Alamos, Santa Fe, Taos and Albuquerque, and some from Washington were during the month.

Interpretive

Mr. H. M. Wade, Jr. Thomas was assigned on duty on temporary assisting May 14 and will be converted to temporary ranger about June 2.

Fire Control Activities

4000 Japanese Prisoner Corps were released in Fritzlane Canyon on May 22.

Forest Fire Protection

There fire lookout posts were manned on duty the first of the month. They were Superior Pass and Frijoles Canyon, Los Alamos, and Jemez Ball, Santa Fe. A number of lightning storms

occured on the Monument but no fires were started. Cooperation was given the Forest Service on locating some fires in the Santa Fe Forest.

A radio was installed in the fire lookout that was loaned by the A. E. C. This gives direct communication with the Los Alamos fire department and speeds up the reporting and locating of fires by both agencies.

Insect and Tree Diseases

The first spraying of the season for tent caterpillars was done on the 23rd. Wettable DDT was used and the campground area was covered at the rate of 1/2 pound per acre.

Personnel

Mr. Fred W. Quesenberry, Jr., Albuquerque, New Mexico, entered on duty as clerk on the 2nd. He spent a week in the regional office to receive training on Park Service procedure. We are very pleased to welcome Mr. Quesenberry to the Park Service family and wish him success in his new position.

(SGD) FRED W. BINNEWIES

Fred W. Binnewies
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

occupied on the Monument but no fires were started. Cooperation was given the Forest Service on locating some fires in the Santa Fe Forest.

While not installed in the Fire Danger Meter, we have added by use of [illegible] This fire danger computation is the same fire danger meter used in the Lake Mills Fire Department and stands as the regulation use labeling of fires by both agencies.

Lightning and Fire Detection

The first sighting of the season for lightning was done on the 23rd. Unknown not was seen but the campground area was covered at the rate of 1/2 pound per acre.

Personnel

Mr. Fred W. Sinnewies, ex-, Superintendent, Lake Mills, spent an day as plain on the 3rd. He spent a week in the regional office in reading training on fire service procedure. We are very pleased to welcome Mr. Sinnewies to the Park Service family and wish him success in his new position.

(SGD) FRED W. SINNEWIES

Fred W. Sinnewies
Superintendent.

Canyon de Chelly National Monument
Chinle, Arizona

May 25, 1949

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of May, 1949.

Weather

Most of the month was cooler than normal with a minimum temperature of 29 degrees. However it has warmed up considerably the last week and the maximum temperature was 87 degrees on May 24th. The Canyon streams have continued running quite a flow of water. We have not yet ventured a trip in. Usually we make our first try between the first and fifteenth of May. There have been several good rains in the higher elevations, but moisture at headquarters measured only .21 inches. This is more than usual for this month. We had several windy days, but even the wind was more kind to us than it has been in past years.

Administration

One day of annual leave was taken by the Superintendent. On May 9, a trip was made to Casa Grande National Monument to pick up surplus equipment and the return was made May 12. Administrative duties have been kept current. Horse patrols were made to Antelope House. and apatrol trip was made to the peninsular area between the two Canyons.

Maintenance

Maintenance work has taken the greater portion of our time this month as weather conditions did not permit much of it to be done earlier. The Sewers were completely cleaned. Plaster repairs made to the headquarters buildings, Ranger quarters repainted on the outside. Roof repairs are almost complete with the aast garage and tool shed being recoated with bitumels. Flagstone has been hauled and repairs to curb and walk in front of head quarters has been started. Brake repairs were made to I-13806,aNd equipment has been cleaned and greased.

Soil and Moisture

1,000 small trees were obtained from soil conservationist Armstrong of the Indian Service and planted on each side of the dam at the mouth of the Canyon. Repair work will be made at antelope house as soon as we can get in with equipment. There will not be the amount of work necessary that we anticipated.

Insect Infestation

The Cottonwood leaf beetle has again made its appearance in large

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Report to Daily National Monuments
Dillon, Arizona

May 31, 1949

MONTHLY for the Dillon National Monuments, Dillon, Ariz.

The following is a report of activities at Dillon's Daily National Monuments during the month of May, 1949.

Weather

First of the month was cooler than normal with a minimum temperature of 27 degrees. However it has warmed up considerably the last week and the maximum temperature has 97 degrees on May 21st. The lagoon systems have continued running quite a flow of water. We have had just enough a trip in. Usually we rain one first by between the first and fifteenth of May. There have been several good rains in the higher elevations, but moisture at lowlands measured only .21 inches. This is more than usual for this month. We had several windy days, but even the wind was more kind to us than it has been in past years.

Administration

One day of annual leave was taken by the superintendent. On May 3, a trip was made to Fort Grant National Monument to pick up surplus equipment and the return was made May 12. Administrative duties have been kept current. Three reports were made to Salinas Center, and special trip was made to the Phoenix area between the 16th and 19th.

Maintenance

Maintenance work has taken the greater portion of our time this month as weather conditions did not permit much of it to be done earlier. The lawns were completely cleaned. Minor repairs made to the Interpretive building, Ranger quarters repainted on the outside. Roof repairs are almost complete with the exception of the ladder remaining will attempt. Flagstone has been leveled and repairs to walk and walk in front of lawn quarters has been started. Brush repairs were made to [illegible], all equipment has been cleaned and greased.

Fall and Interpre

[illegible] were obtained from Fall Interpretation Ranger of the [illegible] and planted on east side of the dam at the south of [illegible]. Minor work will be made to entrance board as soon as [illegible] Fall [illegible]. There will not be the amount of work necessary [illegible].

Ranger Lake

The U.S. Geological Land Tenths has made rock lift experiments in large

Insect Infestation (Cont'd)

numbers. We will take some control measures before the next hatch if the Indian Service sprayer is available for our use.

Travel

Travel compares favorably with that of other years and has increased over the corresponding period last year. Roads have not been too good. The inaccessability of the canyon has probably had some deterring influence.

Visitors

Mrs. H.C. Briant and her friends Mr. and Mrs. Weegee. Mr. Garfield Merner and wife of the Sierra Club. Ganado High School Seniors, Mrs. C.G. Salisbury, and son, Chalmers. Rehoboth Mission School.

General

While the Superintendent was on leave at Mesa Verde National Park, Ranger Morris was called to help with the burial of an elderly Navajo woman and was thus innitiated into one of the extra-curricular duties that often befall employees here. He obtained lumber from the Indian service, constructed a coffin, helped prepare the corpse for burial and helped dig the grave. He then witnessed the brushing out of tracks and the burning of the Hogan.

Government publications on Hand

2-Fold leaflets..CDC..... 7, 425.

Meredith M. Guillet
Superintendent

Forest Laboratories (Cont'd)

months. We will take some control measures before the work begins if the Indian Service engineer is available for our use.

Travel

Travel expenses favorably with that of other years and has increased over the corresponding period last year. Costs have not been too good. The inaccessibility of the canyon has probably had some deterring influence.

Visitors

Mr. E.L. Erhard and his friends Mr. and Mrs. Thayer. Mr. Martell Thayer and wife of the Grand Ville. Female high school teachers, Mrs. C.A. Salisbury, and son, Chalmers. Sonoma Alaska School.

General

While the superintendent was on leave at Glacier Bay National Park, Roger Morris was called to help with the burial of an elderly Alaska woman and was then instructed into one of the entrance-exit duties that other Park employees have. He obtained lumber from the Indian service, constructed a coffin, helped prepare the corpse for burial and helped dig the grave. He then witnessed the burial and the funeral of the Pilgrim.

Government publications on hand

E-Field Bulletin.....C..... 7, 8b.

Harold M. Stalker
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~COOLIDGE, ARIZONA~~
Capulin, New Mexico

5-27-49

MEMORANDUM for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico

There follows the narrative report for Capulin Mountain National Monument for the month of May, 1949:

Visitors: There were about 1,500 visitors to Capulin Mountain National Monument during the month of May, making a total of ~~xxxx~~ nine thousand, three hundred for the travel year and twenty nine thousand, one hundred visitors for the fiscal year.

Weather: Have had very seasonal weather during the month of May, with about four inches moisture. Eight cloudy days and fourteen partly cloudy days have been recorded during this period.

Flora and Fauna: Indian paint brushes, blue bells, lupines, yellow sweet peas and many other flowers are in full bloom in all the Monument area now, and all animal life seems to be faring splendidly.

Roads and Trails: All roads and trails in the area are in fine condition, and the cattle guard at the entrance of the Monument area has just had a complete overhaul job by the Superintendent.

Information Pamphlets: About three hundred information pamphlets have been distributed by the Superintendent during the month of May. Two hundred were sent to the Regional Office, Region Three, Santa Fe, New Mexico. Received 15,000 pamphlets in the month of May. Have about ~~17,000~~ on hand at the present time.
15,200

Very respectfully,

Homer J. Farr
Ranger

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

May 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for may, 1949.

General: The hot weather is a leading topic of conversation in this area now. Our travel has dropped considerably with the rising temperatures and many visitors are content to see only the museum as they feel it is too hot to make the trip through the ruins. Practically all the cotton is up now and farmers are busy thinning out the young plants. Many of the farmers are complaining about the weather as the nights have been a little bit too cool for good cotton crops.

Weather: Only the latter part of the month has been uncomfortable due to hot weather but there is no longer any doubt that soaring temperatures are here to stay forthe next few months. The maximum was 106 with a low maximum of 84 and a minimum of 43. No rain occured this month.

Visitors: May 1949 - 1,939: May 1948 - 2,197: Travel Year to date - 25,162: Travel year to date 1948 - 30,210. This month shows a decided drop in travel which is due in part to the advent of hot weather and also the fact that travel this year has not been up to par with that of previous seasons.

Interpretive Service: Of the 1939 visitors to the area, 1112 made the trip to the ruins in 144 groups averageing 49.9 minutes per trip. 827 were here for a quick look but did not go through the ruins.

N.P.S. Visitors and Visitors of Note:

April 27 - 28 Pima Indian Children, 3rd, 4th and 5th grades from the Pima Day School at Sacaton.

April 30 - Dr. H. K. Gloyd, Director of the Chicago Academy of Sciences, and Mrs. Gloyd were dinner guests of Ranger and Mrs. Arnberger.

May 5 - Merle E. Winbourn, maintenanceman from Arches National Monument, and his mother were here to pick up the tractor for Arches.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

May 26, 1941.

Superintendent for the National Parks,
Region Three.

Dear Fellow the monthly report for Casa Grande National Monument for May, 1941.

General: The hot weather is a leading topic of conversation in this area now. Our crews had finished satisfactorily with the spring improvements and many visitors are starting to call only the months to they feel it is too hot to make the trip through the park. Practically all the cotton is up and the farmers are busy thinning and hoeing plants. Many of the farmers are complaining about the moisture so the nights have been a little bit too cool for good cotton growth.

Weather: Only the latter part of the month has been uncomfortable. Due to the weather the there is no danger of forest fires. Cotton farmers are busy so very few the week for weeds. The mornings and the nights a low minimum of 64 and a maximum of 94. The park remains this cooler.

Visitors: May 1st - 1,302; May 31st - 2,327; Record Year to date - 18,722; Record year to date 1940 - 16,218. This month shows a decided drop in travel which is due in part to the absence of hot weather and also the fact that travel this year has been up to par with that of previous months.

Interpretive Program: Of the 1,327 visitors to the area, 1112 made the trip to the ruins in the guided automobile at 8 minutes per trip. 217 were here for a quick look but did not go through the ruins.

A.C.C. Camps and Projects in CGNM:

April 27 - 20 Pima Indian Citizens, CWA, did not CGN grades from the Pima School at Sacaton.

April 30 - Mr. R. E. Boyd, Director of the Climatic Laboratory of Arizona, and wife, Colgate were dinner guests of Ranger and Mrs. Lofgreen.

May 2 - Merle E. Stewart, maintenance from Pinole National Monument, and his mother were here to pick up the trailer for repairs.

May 10 - Mrs. Bertha P. Dutton of the New Mexico Museum at Santa Fe.

Supt. Meridith Guillett of Canyon de Chelly National Monument was here for the better part of two days to pick up supplies and equipment.

May 11 - 25 4th grade students and 6 teachers from Kenilworth School at Coolidge.

Administration and Protection: The Adamsville site was checked for vandalism. Eight requests for information were answered. The Superintendent is now in the midst of preparing the estimates for the 1950 fiscal year. Work is also progressing on the preparation of the building report requested by the directors office. The Superintendent presented a bronze medal for commendable service to Elmer C. Gipe, former Custodian of Tonto National Monument who is now retired.

Publicity: The Archeologist spent considerable time on may 19, with Mr. C.H. Works of the Daily Tribune of Mesa, Arizona. Mr. Works is preparing an article featuring the pre-historic Indians and general archeology of Southern Arizona. In cooperation with radio station KCKY of Coolidge, we will now supply them with the daily temperatures for broadcasting over that station at 12:45 P.M. daily. This is a public service and should result in favorable publicity for this National Monument. Preliminary plans have been made with KCKY for the making of a wire recording of a description of the ruins as given to a party of visitors for broadcast as a public service feature.

Museum Activities: We have finally completed four panels for our multiplex unit and feel that it has been well worth the effort. Many visitors will now spend more time inspecting the multiplex display than all the rest of the museum combined. Three of thosedisplay panels feature location maps, pictures and information regarding the National Park Service areas of Arizona and New Mexico. The forth panel is devoted entirely to Grand Canyon National Park with pictures and information on activities etc. in that area. This is now stalled temporarially as we are in need of more pictures and official road maps of Utah and Colorado.

Maintenance: The maintenanceman has spent almost the entire month working on repairs to buildings. The roofs on quarters 5-5 and 6-3 and the laundry equipment house were patched and and covered with a good coat of Aluminum Asbestos roof coating. Quarters 5-5 are being given a thorough going over as plaster cracks have been patched, the sink board has been sanded down and refinished, the poor paint job on the woodwork has been sanded down and paint has been removed from the hardware. The painting in this house is about 75% complete. Minor plumbing repairs were made on the bathroom washbowl in quarters 3-5.

May 10 - Mrs. Jordan's mission of the day begins shortly at noon 4s.

Sept. Earthly quality of Dangon on Shelly Matinal Ins-
ments was here for the better part of two days to pick up
supplies and equipment.

May 11 - 20 4th grade students and 6 teachers from Zanlinville school
at Coolidge.

Administration and Instruction: The Lunarville site was checked for
rainfall. Slight repairs for laboratories were necessary. The Expe-
ditionary is now in the state of preparing the estimates for the 1967
fiscal year. Work is also progressing on the preparation of the build-
ing report requested by the Director office. The Superintendent pre-
sented a three model for assembling service in Room 3. Tips, Terms
Isolation of Crato Rock and recovery who is our nation.

Publicity: The Superintendent spoke considerable time on May 10,
with Mr. [illegible] Mayor of the Daily Pioneer of Ohio. Mr. Hicks
is preparing an article featuring the pre-flight Saturn and general
archeology of Northern Ohio. In conjunction with small staying [illegible]
of Coolidge, we will see simply than with the daily Temperature for
broadcasting over that station at 1:00 P.M. Daily. This is a public
service and should result in favorable publicity for the Bicentennial Cen-
ter. Preliminary plans have been made with [illegible] the making of a
film depicting of a description of the rules of [illegible] in a part of visitors
for broadcast as a public service feature.

Lunar activities: We have finally completed [illegible] for
multiplex with and feel that it has been well worth the effort. Many
visitors will now spend more time [illegible] the multiplex display than
all the rest of the museum exhibits. There of [illegible] photo feature
[illegible] movie, pictures and Lunarville regarding the Natural [illegible] series
areas of Lakeme and New Dunkin. The Trade panel is devoted entirely to
Grand Canyon National Park with pictures and information in activities
etc. is [illegible] area. This is our [illegible] temporarily as we are in need
of more pictures and official road maps of Park and Monuments.

Maintenance: The maintenance has been [illegible] The [illegible]
painting of repairs to buildings. The [illegible] in quarters 1-6 and 1-3
and the laundry equipment [illegible] and covered with a good
coat of Aluminum Asbestos roof coating. Quarters 5-3 and being given a
thorough [illegible] over as plaster cracks have been patched. The [illegible]
has been painted down and refinished, the pump house in the [illegible]
has been painted [illegible] and paint has been removed from the [illegible]. The
painting in this house is about 75% complete. Minor plumbing repairs were
made on the [illegible] mentioned in quarters 1-6.

Leaves Taken: Archeologist Davis took 7 hours sick leave on May 19.

Nature Notes: The bats are beginning to show a little bit more activitity and although there is no great problem at present, there is little doubt that we will have our troublesin the near future. A family of rock wrens have been nesting in the ruins and have been the source of comments from many visitors. The predicted desert flower display has been somewhat of a false alarm and many people havebeen disappointed.

Disgruntled Visitor: As the old saying goes, it takes all kinds to make a world, and we got one of the other kind here on Sunday May 8. This particulay member of the ganus Homo attempted to go through the ruins without getting a ticket and when requested to do so he promptly informed us that he had no intentions of getting a ticket and then in rather nasty manner he made it clear that he was a taxpayer and was going to claim his right to see these ruins free. A short few minutes later, through the efforts of the Superintendent and Ranger, this Gentlemen was persuaded to see the error of his ways and upon payment of the fee he was allowed to join the party. After all of this trouble the man simply walked around the watchtower and then departed on foot at a high rate of speed. This same fellow caused further trouble in Coolidge before he finally left that evening by bus.

A. T. Bicknell,
Superintendent.

[illegible]

[illegible]

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

May 27, 1949

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of May, 1949.

Visitor travel picked up considerably over last month, and there were twenty-five visitors more than a year ago this month. All told, 137 persons visited the ruins. They came in thirty-seven automobiles from the states of:- Arizona - 1 car, 2 visitors; California - 2 cars, 3 visitors; Colorado - 9 cars, 20 visitors; Illinois - 1 car, 2 visitors; Indiana - 1 car, 1 visitor; Michigan - 1 car, 2 visitors; New Mexico - 17 cars, 95 visitors; New York - 1 car, 3 visitors; North Dakota - 1 car, 1 visitor; Pennsylvania - 1 car, 2 visitors and Texas - 2 cars, 6 visitors. These people formed 29 ruins trips, and 119 of them, forming 24 parties, visited the museum. The ranger spent 23 hours and 50 minutes and the superintendent spent 22 hours and 30 minutes with them.

The past 30 days have been the coolest for this time of year in a good while, it is believed. The coolest night of the month was 28 degrees and the warmest day was 87 degrees Fahrenheit. It rained three times for a total precipitation of .88 of an inch.

The approach roads are in fair condition. The Monument roads have been graded since the rain and are in good shape.

National Park Service visitors included Irving Townsend and family from Aztec Ruins, Charlie Steen, Paul Balch and J. H. Conn.

Permission was requested for Charley Atencio, one of the faithful Chaco workers, to bury his 18 year old daughter, who had just died, in the Monument Cemetery. As the religion of the neighboring Indians limits their contact with the body of the deceased, upon learning of the event at 3:30 on a Saturday after-

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Casa Grande National Monument
Coolidge, Arizona

July 27, 1939

Superintendent
Petrified Forest National Park
Holbrook, Arizona

Dear Sir:

Enclosed herewith is the monthly report of activities in Casa Grande National Monument for the month of July, 1939.

Visitor travel picked up very decidedly over last month, 1,017 more persons were registered this year than last year. Of the 3,000 visitors, 117 persons visited the ruins. They were in 31 different automobiles from the states of Arizona - 2 cars, 2 visitors; California - 1 car, 3 visitors; Colorado - 2 cars, 2 visitors; Illinois - 1 car, 3 visitors; Indiana - 1 car, 4 visitors; Kansas - 1 car, 3 visitors; New Mexico - 17 cars, 52 visitors; New York - 1 car, 3 visitors; North Dakota - 1 car, 1 visitor; Pennsylvania - 1 car, 2 visitors; and Texas - 2 cars, 6 visitors. There was a total of 29 cars from 12 states, and 117 of them, representing 24 parties, visited the monument. The average stay in hours was 32 minutes and the representatives spent 20 hours and 32 minutes with them.

The park 20 days have been the coolest for this time of year in a good while, it is believed. The minimum night of the month was 68 degrees and the maximum day was 97 degrees Fahrenheit. It rained three times for a total precipitation of .88 of an inch.

The museum rooms are in fair condition. The floorboards badly have to be replaced since the rain and are in poor condition.

Educational talk during visitors included group tours, museum and lecture from Saturday, Sunday and Monday, and talks and 1. 8- items.

Vandalism was minimum the monthly theft, one of the original Casa Grande volume, in honor his 18 year old daughter, who was just dead, in the museum inventory. As the relatives of the neighboring old man living here contact with the body of the deceased, upon learning of the event, it died on a railroad wind-

noon, the superintendent offered to dig the grave and was given two hours to do so. Although it was Gordon Vivian's day off, he offered to help. The grave, approximately six feet deep was just completed when the body arrived in the home made casket. Art Werito, another Chaco faithful, had built the casket. The grave was covered by dark. During the digging, it was discovered that the moisture had penetrated nearly two feet last winter. Also, the second piece of Chettro Kettle polychrome was discovered.

More cess pool trouble. The roof of one of the cess pools caved in. Upon removing the roof, it was found that the walls had caved in, too. It was necessary to rock the walls up and put on a new roof.

The roof of one of the residences leaked like a sieve, but was repaired. The next day there was a hard rain. The roof held -- thank,goodness.

Thomas W. Mathews, a former graduate student at the University of New Mexico, reported for duty as ranger on May 8, 1949. As he was in charge of the dig at the last University of New Mexico Field School here at Chaco, he is well acquainted with the ruins and is a valuable addition to the Monument staff.

In installing the water pump for Tommy, it was necessary to lay a concrete base. Other problems were encountered, but he has water now.

For the first year since this superintendent has been here, the Canyon had practically no mocking birds in the month of May. One or two were heard, but where the large numbers of them that nested here year after year are, we don't know. We surely miss them.

In Soil and Moisture work, a few small check dams were built.

The Concessioner reports a new roof on his curio room. He had a good wool season, and has a good stock of Navajo rugs on hand for the visitors.

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

May 26, 1949

MEMORANDUM for the Superintendent,
Chaco Canyon National Monument.

After some 7½ months of division and wanderings the now really Mobile Unit has returned to its headquarters here at Chaco. During the period we were gone either Ray Rixey or myself served temporary assignments at Region Three headquarters in Santa Fe and at Gran Quivira, Aztec, Walnut Canyon and Casa Grande National Monuments.

At the end of the last report period Archeologist Aide Rixey was in the process of moving equipment from Casa Grande to Chaco. He started this move April 19th and completed it on May 4th with part of the interval used to make his Chaco quarters habitable. While at Walnut Canyon and Casa Grande Ray recieved valuable and varied experience in different types of stabilization but the real test of skill - the final examination - came when he tried to move back into his 8 months abandoned Chaco quarters which were composed in the main of mud and rocks on the floor, sagging walls, fallen plaster and large holes in the roof.

Since the move was completed Ray has spent most of his time repairing the space used as office and storeroom. He has put in 2 new windows, patched the door and removed most of the 4 coats of old mud plaster. When these office repairs are completed he will complete his archeological report on Walnut Canyon.

I spent the report period up to the 16th working on the East Ruin at

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

May 20, 19 62

Superintendent for the Superintendent,
Chaco Canyon National Monument.

After some 9½ months of training and evaluation the new Ranger Aide Unit has returned to its headquarters here at Chaco. During the period we were gone either for field or special service assignments or taking these headquarters in Santa Fe and at Lake Mohave, Nelson Lodge and Chaco Canyon National Monuments.

At the end of the four months period Superintendent Lee Stacy was in the process of moving equipment from Chaco Canyon to Santa Fe. In studying this area April 12th and completing it on May 4th with part of the Interpretive Staff to make the Chaco Canyon Monument. While at Nelson Lodge and Lake Mohave the moving vehicle and varied experiences in different type of stabilization but the real test of skill - the final qualification - was when we hiked to have into the 2 weeks strenuous Chaco Canyon duties which were composed in the main of most men people on the Chaco, hauling water, Chaco gravel and large bales to the road.

Since the work was completed day has spent most of his time supervising the Ranger Aide on office and observers. In the past 4 or 5 months, painted the main and temporal room of the 2 rooms of old Chaco Ranger. Some other minor repairs are completed. We will complete the archeological report on Kiowa Canyon.

I spent the report period up to the 12th working on the Chaco Park at

Aztec. A roof was built over 4 open rooms which had been partially cleaned out and the roofs supported. On the 4th in company with Archeologist Steen entry was made into a series of 9 open rooms which had been blocked off since 1927. All of the series were in good condition with the exception of 5 large beams. The remainder of the period was spent making a permanent entrance into this series of rooms, placing supports under the weakened beams and setting in a door.

Moving the tent and equipment back to Chaco was completed on the 19th. Since that time I have been repairing quarters. Work on the small CCC site will begin shortly.

Gordon Vivian
Archeologist

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument,
Dos Cabezos, Arizona.

May 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for the month of May.

Weather. Typical May weather can be reported for this month. No extreme temperatures were reached and no precipitation recorded. Days have been clear and sunny with mild changing winds. 91 degrees maximum temperature recorded for the 25th and 36 degrees minimum recorded on the 6th.

Forest Fire Protection. On May 6 personnel from the Forest Service and this area suppressed a Class B fire near the northeast corner of the monument boundary. Burned area consisted of .6 of an acre of brush and grassland, two thirds of this being on land under the jurisdiction of the Forest Service and the rest on monument land. Fire was caused by the accidental release of a 100 lb. practice bomb from planes of the U.S. Air Force. Correspondence with the Commanding Officer of the airbase at Tucson assures full cooperation against future occurrences.

Project Completion. The repair and rehabilitation of the fire lookout on Sugarloaf Mountain was completed during the month.

Maintenance. Road and trail maintenance continued as usual. Emergency work on the Sugarloaf trail was started and is progressing nicely.

Communications. Radio communication with Saguaro and Organ Pipe Cactus was resumed following receipt of our set from the repair shop, however, additional adjustment is necessary before transmission can be made on the 5150 k.c. band. Adjustment is being made now and we hope to be in operation again in a few days.

Personnel. Superintendent Cooke returned to duty May 2 after several weeks of sick leave.

Approaches to Park Area. The oiling of State Highway 181 to the monument boundary was completed by the Arizona Highway Department on May 10. This furnishes a paved approach from the South and from the West. A question now frequently asked by the visitor is, "When will the road be completed to Massai Point".

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument,
Dos Cabezas, Arizona.

May 22, 1946.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for the month of May.

Weather. Typical May weather can be reported for this month. No extreme temperatures were reached and no precipitation recorded. Days have been clear and sunny with mild drying winds. 91 degrees maximum temperature recorded for the 26th and 38 degrees minimum recorded on the 6th.

Forest fire protection. On May 8 personnel from the forest service and this area suppressed a 2/4ths B fire near the northeast corner of the monument boundary. Burned area consisted of .5 of an acre of brush and grassland, two miles of this being on land under the jurisdiction of the forest service and the rest on monument land. Fire was caused by the accidental release of a 100 lb. practice bomb from plane of the U.S. Air Force. Correspondence with the commanding officer of the airbase at Douglas assures full cooperation against future occurrences.

Project Development. The repair and rehabilitation of the fire lookout on Sugarloaf Mountain was completed during the month.

Maintenance. Road and trail maintenance continued as usual. Emergency work on the Sugarloaf trail was started and is progressing nicely.

Communications. Radio communication with Douglas and Fort Fire Office was resumed following receipt of our set from the repair shop, however, additional adjustment is necessary before transmission can be made on the 2150 k.c. band. Adjustment is being made now and we hope to be in operation again in a few days.

Personnel. Superintendent Dodge returned to duty May 1 after several weeks of sick leave.

Approaches to park area. The oiling of state highway 181 to the southwest boundary was completed by the Arizona Highway Department on May 16. This furnishes a paved approach from the north and from the east. A question was frequently asked by the visitor in "When will the road be completed to Cosnel Point".

Monthly Narrative Repo - Chiricahua - May, 1949.

Travel. Visitation to the area continued to increase with 1,433 persons coming in during the month as compared to 1,215 for May of 1948. Out of state travel has definitely slackened which is normal for this time of the year but local and State travel is on the increase.

Interpretive Services. 1,285 persons were given contact service at the museum and at Massai Point and one conducted tour over the trail system was made.

Ray B. Hingenbach,
Park Ranger.

Travel. Visitation to the area continued to increase with 1,400 persons making in During the year, as compared to 1,000 for any of 1948. But of state travel has definitely slackened which is normal for this time of the year but local and state travel is on the increase.

Interpretive Services. 1,000 persons were given current service at the museum and at Bennet Point and one conducted tour over the trail system was made.

El Morro

El Morro, New Mexico

May 25 49

MEMORANDUM for the Regional Director, Region Three

The following constitutes the Monthly Narrative Report of activities at El Morro National Monument, El Morro, New Mexico.

Weather: Nice crisp spring days with a high of 82° on the 25th; nights were 32° or below, some wind and only a trace of moisture.

Special Activities: The Superintendent made one trip to the Santa Fe office to confer with the Regional Director and staff. The trip was most beneficial and many problems were worked out satisfactorily.

Incidental Intelligence: One of the local men from Ramah whose reliability is unknown but believed to be excellent, states that the $175,000 of State funds for the El Morro-Grants road has been spent elsewhere. It is doubted that the urgency of other road needs is the reason. However, the talk concerning a good road to El Morro has caused some nearby property to jump in value from $2.00 an acre to a present price of $7.03 an acre.

Observations: It took Mrs. Virginia Townsend from Aztec Ruins National Monument to locate the El Morro golden eagle nest. The nest is at present occupied by two small eaglets.

Travel Status: The good condition of the road and pleasant weather has resulted in a 60% increase in travel for May of 1949 over that of May 1948. There were 343 visitors during the month. Two school groups visited the area, one group from the Zuni village and one from Lubbock, Texas.

NPS Visitors: Superintendent Townsend and family were visitors to the Monument on May 8th and a second trip by Irving and Virginia Townsend was made by plane on the 16th of May. Mrs. Townsend has been elected Honorary Godmother of the eaglets.

Naturalist and Mrs. Robert Upton of Petrified Forest were house guests at El Morro for a few days. Mr. Upton spent much of his time photographing the "Rock", the results to be used as post cards and for historical file references. He plans to return at a later date to continue the project.

El Agro

El Yerro, Dos Bocas

May 24 46

MEMORANDUM for the Regional Director, Region Three

The following constitutes the monthly Survey-Survey of activities at El Yerro Regional Aerodrome, El Agro, Dos Bocas.

Weather: Blue ceiling during day with a high of 80° in the shade; nights were 70° or below, down very well well; a flood of moisture.

Special Activities: The experimentation made per trip 2. The Navy to fly-fly to market with the Regional Director and staff. The trip was just successful and many problems were worked out satisfactorily.

Individual Capabilities: One of the local men from Dos Bocas showed availability to someone not believed to be available, stated that the 4,000 or less Pesos for the El Yerro-Grande road has been spent elsewhere. It is doubtful that the company of other road works is the reason. However, the trip was-ing a good road to El Agro has caused some newly priority to jump in value from $2.00 an acre to a present price of $3.00 an acre.

Observations: It was are. Virginia Thousand from Lake Cross Railroad Economics to launch the El Yerro public-ogle map. The map is at present required by the small ordinate.

Travel Status: The good condition of the road not planned another the travel-ted is a 50% increase in travel for May of 1946 over that of May 1945. There were 241 visitors during the month. The month always visitors the area, one group from the Dos village and one from Lagoon, Texas.

Dos Tiempos: Superintendent Thousand and family made visitors to the Department on May 21 and 22 and trip by Irvine and Virginia. Thousand was made by plane on the 22nd. Thousand has been always cooperating Secretary of the Navy.

Recommendations: Report Plans of Virginia Forest was some people to fly from Dos Bocas. Mr. Clark gave some of his time participating the "Book", Virginia to be used as your books and for statistical file reference. He plans to return at a later date to address the pilots.

Cont. of El Morro Monthly Report -

General: The drinking fountain at the Administration building was finally induced to function. The two bedrooms, hall, bathroom and dining room were painted, and all of the floors given three coats of wax. Four days were spent painting and relocating road signs. CPC sheets were revised and new priority lists made. Some time was spent on the trail to the Inscriptions trying to kill the very persistent lemon weed, that grows best in the center of our bitumen path.

The pipes on the gas pump was replaced by a flexible hose. The Superintendent attended a Forest Service Fire Guard Orientation School at Paxton Springs on May 2nd.

The El Morro mailing address was officially changed from Ramah, New Mexico to that of El Morro National Monument, El Morro, New Mexico.

Community Activities: The night of the 25th of April the home of a local family burned and emergency relief was provided by the entire community.

The Superintendent attended funeral services for a local war veteran whose body was returned from the Pacific.

A pie supper was held, the proceeds to benefit a local woman who had donated much time to the school. It was a huge success in spite of the fact that the recipient became perturbed and went home during the festivities.

John A. Aubuchon
Superintendent.

Gran Quivira National Monument
Gran Quivira, New Mexico

May 25, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of May 1949.

General. Good weather, fair roads, vacation time and some increase in travel. Locally, bean and sunflower planting is now nearly completed. There have been fewer sandstorms this spring, consequently field and range lands are in better condition than for some time past.

Weather. Ideal throughout most of the month. A high temperature of 82° was recorded on May 3. 0.93 inches of rain fell on May 11 and 12. The rain was accompanied by the most severe lightning storms we have seen here in our two years.

Special Activities. On May 4 and 5 the superintendent was in the Regional Office on Monument business.

During the month the PCP sheets and Priority List for the area ~~was~~ were completely revised and forwarded to the Regional Office for review.

On May 16 the superintendent contacted the Secretary of the Chamber of Commerce in Belen relative to the Travel Host School. Arrangements were completed for my part of the program on the evening of May 30.

Gordon Vivian visited the area on May 7 and departed with a load of "ruins stabilization" cement for Chaco Canyon and Aztec.

Maintenance. Early in the month a new water cooler was received and placed in the exhibit room. Public restrooms were also connected and appropriate signs placed. This is the first time that these two travel necessities have been available without "special request" at Gran Quivira and the superintendent enjoys having these improvements available.

New roofing paper was placed on the residence, tool shed and pump house. This takes care of all buildings with the exception of the frame garage which is next in line.

A picnic fireplace grill was manufactured and installed in cement. This is another "first" which Gran Quivira doesn't need often, but it is convenient and saves a lot of miscellaneous camp fires by picnicers and our few overnight campers.

The severe lightning storms of May 11 & 12 necessitated 2 days work on the telephone line. The line was burned in two in several places and the vacuum type lightning arresters at the residence and in the box where the grounded line hooks to the metallic line were 100% casualities. At $1.82 per each the price of communication is going up, since we can no longer procure the arresters gratis from the U.S.Forest Service. The same storm interrupted the power service for 24 hours.

During the month all brush between the two missions was grubbed and hauled away. This greatly improves the appearance of the mission and gives the area a neater look. The first weed burning of the interior of the mission was completed on May 25.

Approaches to the Monument. The Mountainair approach road was graded on May 18 and is now in good shape. The approach from Carrizozo is reported rough.

Arrangements have again been made to have the U.S.Forest Service pull the ditches and grade the 3/4 mile of entrance road early in June.

Interpretive Service. 52 parties totaling 197 people were guided through the ruins. Average trip time, 48 minutes.

Museum Activities and Exhibits. As mentioned a new water cooler has been installed in the exhibit room. On my trip to Santa Fe I obtained additional SWM sales publications and, now that we have a place for displaying them, sales are on the increase.

SWMAssociation purchased and donated to the Gran Quivira library one of the few remaining copies of Bailey's BIRDS OF NEW MEXICO. Thanks.

Increase in Travel. As shown below there was a noticeable increase in travel over the same period last year. Most of this increase has occurred in the last week with the arrival of a larger number of out-of-state cars. Credit is due the staff at White Sands and Aztec as a considerable number of the cars were directed this way from those two areas.

	CARS	VISITORS
May 1949	87	259
May 1948	66	194
Increase	21	65
Percent Increase	31.8%	33.5%
This Travel Year	388	1095
Last Travel Year	293	850
Increase	95	245
Percent Increase	32.4%	28.8%

Visitors.

May 7. Gordon Vivian.

May 19. Wm. F. Langton and wife accompanied by Mrs. Geraldine Hamilton all of Salt Lake City. Mr. Langton has completed an educational film entitled "Cities of the Ancient Ones" and is now working on a second film covering Southwestern missions. Mrs. Hamilton provides the narration.

May 21. Mrs. B. I. Gehrman, Belen, N. Mex., gathering information for an article dealing with prehistoric agriculture in this area.

May 22. Bennett Foster, Albuquerque, writer, gathering information for an article dealing with this area circa 1880.

May 22. George Wich, Southwest Post Card Co., Albuquerque, preparing a series of post cards on Abo, Quarai, and Gran Quivira.

May 23. Graduating class, Trent High School, Trent, Texas.

Building Fire Protection. CT extinguishers were installed in the exhibit room and in the kitchen.

William L. Bowen,
Superintendent.

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

May 26, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for May, 1949.

WEATHER. Spring took a step backwards and this report period has been very cool and very, very windy. At present the weather is clearing and the temperature is warming up - we hope it stays that way.

The minimum of 28 degrees was registered on May 6. The maximum of 79 degrees was reached on April 26. The high minimum was 42 degrees on May 20; and the low maximum was 35 degrees on May 6.

Snow fell on May 5,6 and 7. These storms were from the northeast and the wind was strong and very cold.

Rain fell on April 27; May 10,11,12 and 15. A severe hail storm also came with the rain of May 12.

During this report period there were 12 cloudy days; 12 partly cloudy and only 6 clear days. The wind blew very strongly on 18 days. The contour of the Sand Dunes was noticeably changed.

Crops in the valley are retarded by cold weather and much water was diverted from the Rio Grande River to irrigate the valley.

The Medano creek is flowing along the entire eastern edge of the Sand Dunes, and has changed its course from last year's channel. (See accompanying photographs)

TRAVEL. One thousand seven hundred and five visitors in four hundred and eight cars visited the Sand Dunes during this report period. Twenty-nine states were represented, as well as the District of Columbia, Canada, Mexico and Italy. There were three days when there were no visitors to the area. One written request was answered.

Nine hundred ninety-one people took advantage of the picnic areas and of these forty-eight camped over night.

INCREASE IN TRAVEL. For May 1948, there were 270 cars and 1211 visitors. This is an increase of 494 for May 1949, over last year's figures.

[illegible] High School Science Department
[illegible], Minnesota.

[illegible] 9, 1924

[illegible] the Biological Laboratory,
[illegible] Place.

There follows the report of activities in Science Hall during [illegible] for May, 1924.

WEATHER. During half a dozen [illegible] and this report period has been very cool and rainy, very windy. In general the weather is [illegible] the temperature is averaging up - so hope it clears that way.

The minimum of 30 degrees was registered on May 6. The maximum of 79 degrees was reached on April 28. The high minimum was 62 degrees on May 30; and the low maximum was 35 degrees on May 6.

Snow fell on May 5,6 and 7. These storms were then the snowiest and the wind was strong and very cold.

Hail fell on April 27; May 10,11,20 and 23. A heavy hail storm also came with the rain of May 23.

During this report period there were 12 cloudy days, 10 partly cloudy and only 5 clear days. The wind blew very strongly on 12 days. The weather of the first fortnight was unusually changeable.

Birds in the vicinity are retarded by cold weather and most robins arrived from the 4th through 10th to invade the village.

The Indian canoe is floating along the entire western side of the lake lower, and has changed its course from last year's channel. (See accompanying photograph)

TRAVEL. The Glassmeyer family and five visitors in their Dodge had visited some relatives the last three months this report period. Their site-see places were represented, as well as the Institute of Industry, Chicago, Dallas and Italy. These were times when this school were in vacation so the area. The written report was answered.

The student visitors-our people took pleasure of the lake there and of those Fortnightly enough over clubs.

[illegible] IN TRAVEL. For the 5th, there were 27 [illegible] and 22 visitors. This is an increase of 6% for the 3rd, over last year's figures.

CONTACT. Contact with visitors was done on four Sundays and during week days as time and work permitted. Two hundred eighty-five cars were contacted, with a total of one thousand two hundred ninety-seven visitors. Contact time amounted to forty-seven hours and thirty minutes.

NEWSWORTHY VISITORS. Picnic outings by the following groups: Gomez School with 20 pupils; Sargent School with 20; Fort Garland School with 30; Manzanola School with 15; Cheyenne Mountain School for Boys with 40, who camped over night; and the Senior Class of the Estes Park School with 45.

N.P.S. VISITORS AND VISITORS OF NOTE. Mr. J.H. Diehl, Engineer, Region Three Office, visited the area for several days, May 16,17 and 18; and May 23 and 25.

Mr. H.E. Davis and Mr. W.E. Bortt, of the General Accounting Office, Washington, D.C., visited the area on May 18 and went over the monument accounts.

ROADS. The State graded the approach road on April 30; May 14 and 21. More ditching was accomplished between the San Luis Lake and the Medano Ranch turnoff. The road was almost impassable at this time, due to dryness and boulders in the road. A drop in travel was the result. Road is now in fair condition.

The monument road from entrance to headquarters is in excellent condition. More work was accomplished on the road from headquarters and the picnic areas with the Sand Dune grader, and it is gradually becoming a wider and smoother stretch of road.

WATER SYSTEM. At long last something is to be done with our water system. Mr. Diehl came to the area to inspect the spring and trench line. A break was also located and dug up while he was here. Plans are underway for hiring a tractor with bulldozer to entirely cover the open trench and also pile dirt for sufficient coverage over low lying spots along the line. This should prevent freezing.

The break in the line was repaired by welding and this should completely protect the poor job done in the first place. Mr. Carl Markley, plumber of Monte Vista, made the repair on May 25.

Further work is to be done on Morris Gulch Spring; locate and clean up the perforated pipe so that actual spring water is obtained, instead of the surface water we are now getting.

With this work, we have high hopes of spending a pleasant winter here for a change.

Suggestions were also made by Mr. Diehl in obtaining more water from Mosca Spring for both upper and lower picnic areas.

[illegible]. Contact with visitors was down on their doings and during week days we time and week prevailed. The Sunday attendance was was satisfactory, with a total of one thousand two hundred eighty-seven visitors. Contact also resulted in forty-seven tracts and eighty stories.

[illegible]. Studio activity by the children greater. Great School with 50 pupils; Bergen School with 30; Bum Hollow School with Hammonds School with 15; Chapman Hamrick School for the one class 25, who report good study; and the Junior Class of the Urban Club School with 22.

[illegible]. [illegible] of [illegible]. Mr. J.H. Hunt, Superintendent, during times strike, visited the area for several days, May 5,6,7 and 13; May 23 and 24.

Mr. H.A. Byrd and Mr. H.L. Smith, of the Insect Advertising Office, Washington, D.C., visited the area on May 18 and went over the mountain mountain.

[illegible]. The State graded the approach road on April 30; May 1; and 2. Much criticism was encountered between the two late rains and the Ashley Road Superv. The road was almost impassable at this time, due to erosion and holdover in the road. Asking to travel on the Ashley Road is now in fair condition.

The necessary road from Ashpoint to Independence is in excellent condition. Some work was accomplished on the road from Independence and the people across with the road from Bumby, and it is probably between a wider and excellent stretch of road.

[illegible]. It has been considering to be done with our water system. Mr. Hunt came to the area to inspect the system and issued line. A break was also located and dug up while he was here. Plans are pending for laying a trench with bulldozer to entirely cover the line. Great use also plan for sufficient warnings over the trench where along the line. This should prevent freezing.

The break in the line was repaired by digging out this section completely uncover the poor job done in the first place. Mr. Hunt further, planned or Bumby Plate, made the repair on May 19.

Further work is to be done on Bumby Solar Spring Lands and when the proposed plan is that actual spring water is obtained, instead of the surface water as are now utilize.

With this work, we feel high hopes of operating a physical system have the a change.

Inspections were also made by Mr. Hunt in Ashpoint area [illegible] from door tipping for both upper and lower plants areas.

PICNIC PARKING AREA. Mr. Diehl also assisted in contacting and hiring equipment to obtain gravel for the parking area at the lower picnic area. This has long been a major headache and with a proposed parking area consisting of 3/4 of an acre, we should not have the past trouble of cars becoming stuck in the loose sand. Gravel is to be hauled and spread to a depth of four inches.

CONCESSION. Mr. A.W. Graves brought in his house trailer and two horses and placed them on the Wellington property. He and his son are now busy with the building of a day-use corral at the lower picnic area. We hope his Saddle Horse Concession will have the very best of luck and prove to be of need at this area.

SPECIAL ACTIVITIES. Katy Ruth arrived on May 5, at the Alamosa Community Hospital, weighing in at 6 pounds, 11 ounces and measuring 19½ inches long. She was given a joyous welcome by Jenny Anna.

ACTIVITIES. Usual routine duties of hauling supplies, contacting visitors, cleaning up comfort stations and picnic areas, and keeping office matters current.

A load of washed sand was obtained for cement. Repairs were started on the walls of the service porch where partitions for a closet were torn out when the automatic hot water heater was installed.

As time permitted, more road work was done on road leading to the Sand Dunes. It is being widened and much time is consumed in removing large rocks which are up-rooted by the grader.

In spite of signs, cars have been stuck in the sand. Tracks show where they have had trouble and on Sundays, there are enough visitors on hand to help in extracting cars. Over one hour was spent one evening helping a visitor get out of the sand.

Enjoyed very much the time spent with Mr. Diehl as so much was accomplished.

Photographs were taken of the break in the pipe and of Morris Gulch Spring.

Funds amounting to $150 were transferred from this monument's account to help take care of the recent transfers within Region Three field personnel.

RANGER POSITION. Funds are available for a temporary ranger position for three months at this area. Four letters were written to veterans who may be interested. If none accept, a local valley man will be hired for the job.

The following letter was received in this office and thought it might be of interest to others in the field.

May 4th, 1949

Dear Sirs,

We understand that you hire young men during the summer. We are interested in working for you. We are students. After some inquiry, we believe that the type of work which you offer is exactly what we are looking for. Our names are, John H. Hodes and Vincent G. Wiesner.

Here are some qualifications you may be interested in;
I have owned horses for several years and am reasonably familiar with care and feeding Etc. I have ridden both Western and Shoe horses.
I play the harmonica, very little piano, and have won several writing and dramatic contests.
I am especially interested in working with horses.

John Hodes

I am also fairly familiar with horses.
I have dramatic and oratorical ability.
I have worked in a grocery store for more than three years.

Vincent "Jerry" Wiesner

We will be more than glad to fill any opening you may have.

Expectantly,

John H. Hodes III and Vincent G. Wiesner

5700 Holmes St.	5616 Kenwood
Kans. City,4,	Kans. City,4,
Mo.	Mo.

PUBLICITY. The Buick Magazine for May 1949, published a short article entitled "Sands of San Luis Valley" by Jack Zehrt. Two photographs illustrated the article.

PROJECTS FOR THE ENSUING MONTH. Rent equipment to cover the water line. Move the house trailer and make it livable for ranger's quarters. Repair and replace if necessary the pipe at Morris Gulch Spring. Rent equipment to haul gravel to the parking area at the lower picnic area. Place rock to outline parking area and try to place picnic tables in better positions. Repaint road signs and others at picnic area. Do more road work with grader.

Hope to have a ranger report for duty on June 5.

Also hope that an annual inspection can be made by Region Three Office, before the end of the fiscal year.

Ted G. Sowers,
Superintendent.

VIEWS OF THE MEDANO OR
DISAPPEARING RIVER
FROM A POINT
ABOVE THE PICNIC AREA
APRIL, 1949.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

May 26, 1949

MEMORANDUM for the Regional Director, Region Three

There follows the monthly narrative report of activities in this area for the month of May 1949.

VISITORS

147 visitors came to the Betatakin area in 33 cars (30 parties). These visitors selected their activities as follows: 115 visitors used Sandal Trail to Betatakin Point in 22 parties, 24 visitors hiked to Betatakin in 8 parties, one party of three hiked to Keet Seel, one party of two made the trip to Scaffold House. 100 people used the campgrounds. 111 visitors were guided in the museum and orientation station. 12 inquiries were answered.

All visitors to the area were contacted by the Superintendent except one party which arrived while the Superintendent was making the monthly trip for supplies. Laborer Seth T. Bigman contacted this party. Obviously one man on a 40 hour week could not contact all of this travel. The Superintendent has not taken a day off this month. This area badly needs a seasonal ranger for the months of April and May.

REPORTWORTHY VISITORS

Mr. and Mrs. Joe Bean of Wupatki on the 26th.
Mr. Jurwitz and Mr. Boren of US Weather Bureau on the 28th.
Mr. and Mrs. Cox and Miss Belyea all of the US Indian Service on the 13th.
Mr. Parcher of the Red Cross on the 3rd.
Shonto Indian School party of 60 on the 3rd.
Mr. Parcher returned with Mrs. Parcher on the 14th.

WEATHER

Minimum temperature 32 degrees on the 5th, maximum 82 degrees on the 24th and 26th. Snow fell on the 6th and hail on the 11th and 12th. Total precipitation 0.60 inches.

ROADS

All approach roads are fair, dry and rough in spots. Most of our Roadside directional signs need repainting because of the severe winter and the unseasoned wood used in their construction.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

May 30, 1942

Superintendent for the Regional Director, Region Three

There follows the monthly narrative report of activities in this area for the month of May 1942.

VISITORS

147 visitors came to the Betatakin area in 37 cars (37 parties). Three visitors selected their activities in failing. 111 visitors used Rural Trail to Betatakin Point in 22 parties, 24 visitors hiked to Betatakin in 2 parties, one party of three hiked to Keet Seel, one party of two made the trip to Inscription House. 100 people used the campground. 111 visitors were guided in the museum and orientation station. 12 inquiries were answered.

All visitors to the area were contacted by the Superintendent except one party which arrived while the Superintendent was making the monthly trip for supplies. Laverne Herb T. Nixon contacted this party. Obviously one man or a 40 hour week could not contact all of this travel. The Superintendent has not taken a day off this month. This area hardly needs a seasonal ranger for the months of April and May.

REPORTMONTHY VISITORS

Mr. and Mrs. Joe Hess of Bugtail on the 21st.
Mr. Jurwitz and Mr. Eren of U Monitor Bureau on the 28th.
Mr. and Mrs. Cox and Miss Reiyes all of the U S Indian Service on the 13th.
Mr. Parcher of the Zuni Cross on the 3rd.
Shonto Indian School party of 20 on the 3rd.
Mr. Parcher returned with Mrs. Parcher on the 14th.

WEATHER

Minimum temperature 32 degrees on the 8th, maximum 82 degrees on the 24th and 25th. Snow fell on the 8th and hail on the 11th and 12th. Total precipitation 0.80 inches.

ROADS

All approach roads are fair, dry and rough in parts. Most of our Nonindie directional signs need repainting because of the severe winter and the unseasoned wood used in their construction.

PLANS MAPS AND SURVEYS

NAV 21022A Road Plan map for this area was received and this valuable planning has been added to the Master Plan file.

A map of Monument Valley was obtained on loan and a dozen copies were kindly reproduced by your office. This map is now displayed in the contact station where potential visitors to that fine area may familiarize themselves with the roads and features of the area. The borrowed copy has been returned to Mr. Bennett Hyde of Kayenta.

MAINTENANCE

Road maintenance has been our largest item. Joe and Lizzie Bean brought the new Galion 402 road grader out on the 25th and 26th. Joe then briefed us in the operation and maintenance of this equipment. Joe crowned up the road across Klethla Valley and then dragged the ruts out all the way to Headquarters. The Superintendent spent five days grading the two miles west of the contact station. This section of road was as badly in need of blading as the Superintendent was in need of learning the operation tricks of the blade.It now becomes our chore to teach Bob Black how to operate the grader ("Now Bob, this gear marked #2 is 3rd speed, and this gear marked #3 is second speed"--all this in my poor Navajo language). I'll never be able to explain why white people mark the second gear position on the shifting lever with a 3 while the third gear is marked 2, because I don't understand it myself. The operation manual shows the correct marking.

The rewound Master Motor has been repainted and a three pole switch has been mounted on the connection box. We expect to pack this heavy motor into the canyon and install it on the pump, next week.

All fire fighting equipment has been inspected, refilled and replaced in convenient locations.

The Orientation Panel on the contact station was removed, repainted and the pictures and maps replaced with new ones.

The dump truck has been cleaned of all grease and mud and is ready to be repainted, standard yellow.

Plans and maps:

An AIRCA road plan map for this area was received and this valuable planning has been added to the Master Plan file.

A map of Bonneville Valley was obtained on loan and a dozen copies were kindly reproduced by your office. This map is now displayed in the contact station where potential visitors to that fine area may familiarize themselves with the roads and features of the area. The borrowed copy has been returned to Mr. Bennett, Dept of Engrgs.

MAINTENANCE

Best maintenance has been our largest item. Jim and Little Sam brought the snowplow and grader out on the 15th and 16th. Jim then helped us in the operation and maintenance of this equipment. Jim returned to the road where Little Valley and then dropped the grade out all the way to Tenderfoot. The Superintendent spent five days grading the two miles west of the contact station. This section of road was in badly in need of blading as the Superintendent was in need of learning the operation ability of the blade. It has become apparent to both Bob Sloan and to operate the grader (Tom Ish, this year marked 42 in 3rd grade, and this year marked 43 in second grade--all this in my Dear's Language). I'll never be able to explain why white people mark the second year position on the shifting lever with a 2 while the third year is marked 3, because I don't understand it myself. The operation manual makes the correct marking.

The removed Buster Motor has been regulated and a turn pole motor has been mounted on the connection box. We expect to pack this heavy motor into the canyon and install it on the pump next week.

All Fire Fighting equipment has been inspected, refilled and replaced in convenient locations.

The information Panel on the contact station was removed, repainted and the pictures and maps replaced with new ones.

The dump truck has been cleaned of all grease and mud and is ready to be repainted, standard yellow.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WUPATKI AND SUNset CRATER NATIONAL MONUMENTS

Flagstaff, Ariz.

May 26, 1949

MAINTENANCE (con't.)

The bathroom in Residence #1 was repainted, two coats of yellow interior enamel.

GENERAL

This has been an exceptionally busy month for all hands. Visitors were contacted as early as 6:30 AM. and as late as 10:45 P.M. Ida kept count on the extra-curricular meals served during the month--the total reached 93 meals. Radio contact with Region Three Office was maintained daily (except Saturday and Sunday) and the two days we made our monthly trip to Flagstaff.

P.S. A party of last nites campers and 3 newly arrived parties have been contacted since I started this report. Help! Help!

J.W. Brewer, Jr.

J.W. Brewer, Jr.,
Supt.

MAINTENANCE (cont'd.)
The bakeries in Bamiloma Hi were repaired, the crews of yellow laborers assumed.

GENERAL
It has been an energetically busy month for all hands. Visitors were entertained as early as 0317 AM and as late as 1945 P.M. Ice cubes found on the entrance/exit ramps served during the month--the total reached 17 cubes. Radio contact with Beijin Three Zilion was maintained daily (except Saturday and Sunday) and the two days we made our monthly trip to Pleasantville.

P.S. A party of last mite campers and 3 camp arrival parties have been conducted since I started this report. Total only

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT
P. O. Box 38, Ajo, Arizona

May 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of May, 1949.

Weather.

Hot and dry weather engulfed us just at the close of the report period with a maximum temperature of 104 being recorded on May 24. Most of the month was comparatively cool, though, with a minimum of 45 degrees on May 5 following our coolest day of May 4 when only 84 was recorded by the maximum thermometer. Not even a drop of moisture fell during the entire month.

Research and Observation.

Advantage was taken of the decrease in visitors to make more exploratory patrols in some of the remote parts of the area. Canyon Diable, with a large tinaja used at one time by a bootlegger, the north fork of Alamo Canyon, in which willows (Salix goodingii (?) were found, and an extremely rugged canyon northwest of Sweetwater Pass, in which a great deal of mimosa was discovered, were the most interesting spots visited.

Several Sonoran coachwhip snakes (Coluber semilineata) found dead in a water hole in the north fork of Alamo Canyon are believed to extend the western record for the species from the Baboquivaris.

Max Hensley now expects to complete his ecological research by mid-July.

W. C. Bryan of the Division of Forest Pathology, Bureau of Plant Industry, Soils, and Agricultural Engineering worked three days in the area on further investigation of the saguaro disease and related fungus affecting the organ pipe and senita cacti.

The new hedgehog reported last month has been tentatively identified by Dr. Marshall, Papago Park, as Echinocereus polyacanthus.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible] FOR [illegible] NATIONAL MONUMENT
P. O. Box 56, Ajo, Arizona

May 22, 1940.

[illegible] for the Regional Director, Region Three.

Herewith follows a report of activities for Organ Pipe Cactus National Monument for the month of May, 1940.

Weather.

Hot and dry weather supplied us just at the close of the report period with a maximum temperature of 114 being recorded on May 31. Most of the month was comparatively cool, though, with a minimum of 40 degrees on May 2 following our coldest day of May 1 when only 44 was recorded by the maximum thermometer. We even a dusting of moisture fell during the entire month.

Research and Observation.

Observation was taken of the harvest in relation to rain more satisfactory points in some of the remote parts of the area. Cactus blooms, with a large though cool at one time by a hailstorm, the usual flock of Alamo Canyon, in white willows (Salix gooddingii (?) were found, and an extremely frosted canyon northwest of Bowkerbury Pass, in which a great deal of damage was discovered, were the most interesting spots visited.

Several Sonoran woodchuck ground squirrels (Citellus annulatus) found dead in a water hole in the north fork of Alamo Canyon are believed to produce two weeks record for the species from the Sonoranville.

[illegible] Ranger was asked to complete his geological research by mid-June.

[illegible] the division of forest pathology, Bureau of Plant Industry, Soils, and Agricultural Engineering visited this park in the area of Quitobaquito Springs in the Organ Pipe Cactus National Monument [illegible] the Organ Pipe and Saguaro [illegible].

The new Ranger reported last month has been tentatively identified by Dr. Marshall, Happy Jack, as Tachinomyia pilosiscutella.

Decrease in Travel.

The decrease in tourists noted after Easter continued throughout the month despite the cool weather. The mine at Ajo is now giving employees four days off every two weeks so international travel through the port of entry showed an increase of 1917 over May 1948.

Grazing.

The Grays are now in the process of selling some of their cattle. The range is drying rapidly and the prospects of the mesquite bean crop are not favorable.

Visitors.

Captain Flavelle Williams has been on the monument the entire month taking 16 mm. color movies of the hawks and owls. Hubert A. Lowman, another noted photographer, spent two days on the area taking scenic shots in color.

Communications.

Daily contact was established during the month with Region Three, Big Bend, Bandelier, Navajo on the 5150 Kc frequency. The daily contact with Saguaro and Chiricahua will be continued on 2770 until they both have sets operating on 5150.

William R. Supernaugh,
Superintendent.

Montezuma Castle National Monument
Camp Verde, Arizona
May 24, 1949

MEMORANDUM for the Director, Region Three:

Montezuma Castle National Monument submits its monthly narrative report of May 1949.

General Activities: Part of this month was spent in becoming better acquainted with the monument and the surrounding area, including residents. Among local people contacted were the Editor of the Verde Valley Independent, the Secretary of the Verde Valley Chamber of Commerce, Forest Service personnel, and active business men. All of these men expressed a deep interest in the National Park Service, and it is felt that our relationship will be of the best.

Dennis Murray reported for temporary ranger duty on May 15. The addition of extra help has made it possible to schedule conducted Castle tours from 9:00 a.m. through 5:00 p.m., including a trip at noon.

Archeologist Schroeder presented an illustrated talk to the Verde Valley Garden Club on May 16. Mrs. Schroeder has been elected president of this group for the coming year. Schroeder also gave a talk to Montezuma Well to the children of Beaver Creek school during the month.

Weather: Mild weather has continued to prevail throughout this month. Maximum temperature recorded was 92 degrees on May 22. Minimum temperature was 39 degrees occurring several nights. Light showers the latter part of the month caused a total precipitation of .14 inches. L. R. Juaritz, Officer in Charge of the U. S. Weather Bureau, Phoenix, called at the monument on April 30 for the purpose of checking and adjusting weather apparatus. He expressed his appreciation to the Park Service for submitting weekly reports of weather conditions from this area.

Travel: In spite of the usual after Easter vacation slump, travel has remained steady during the month. There were 2,403 visitors in 807 cars to Montezuma Castle and 1,034 visitors in 323 cars to the Well for a monthly total of 3,437 people and 1,130 cars. 666 adults and 55 children climbed the ladders.

Visitors: April 27 - A group of 35 students representing the Geographic Society of U. C. L. A., under the guidance of Dr. Logan

Visitors (continued):

paid a visit to the Castle. (A nice thank you letter was received from this group).
May 1 - The Verde Valley Pioneer Picnic was held at the Well with 153 in attendance.
May 8 - Supt. & Mrs. H. C. Bryant, Grand Canyon.
May 9 - Asst. Park Naturalist Christenson & family, Grand Canyon.
May 10 - Dr. & Mrs. Howard Gloyd, Director of the Museum, The Chicago Academy of Sciences.
May 12 - District Park Ranger R. K. Weldon & family, Mt. Rainoer.

Maintenance: Reparis which consisted of extending the casing and sealing the top were made to the water well. It is hoped that this work will eliminate drinking water contamination.

Leaves, broken branches and debri were removed from the footpath leading from the museum area to the base of the Castle. This trail was also raked thoroughly and all holes filled in.

At the Well, the county grader came in and graded the road to the picnic ground. Several loads of gravel were hauled in by the resident archeologist to surface the service road to the residential area.

Protection: A general fire inspection was made of all facilities on the monument. Some minor hazards were found and are being corrected as rapidly as possible.

The Forest Fire Control Plan for this area was prepared and submitted for approval.

Wildlife: The arrival of warmer weather has caused lizards and snakes to come out of hibernation. Three rattlesnakes at the Castle and one at the Well were observed. Also, several racers and gopher snakes have been seen.

The Well recorded two new birds for that area. They are the Dwarf Cowbird and Western Tree Sparrow.

Flowers bloomed profusely at both the Castle and Well this month, in spite of the fact that they were three weeks later than usual.

John O. Cook,
Superintendent.

Saguaro National Monument
Tucson, Arizona

May 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for the month of May 1949.

General.

The month of May has proven to be most delightful from the standpoint of weather, mild day time temperatures prevailed throughout the month with cool nights.

Travel to Saguaro took a decided up-swing and it is believed that weather conditions together with the flowering season for several species of cacti were influencing factors in this travel increase. A sporadic display of Saguaro blossoms in the cactus forest attracted many local and out of state visitors. Perhaps the cool weather has not been conducive to a better display of blossoms, which appear to be less spectacular than last year, although this year may prove to be a longer flowering season. The Cane and Staghorn Chollas put on a spectacular display of flowers and they were the subjects for hundreds of photographs.

It is interesting to note that local interest in Saguaro is increasing, many Tucson residents visited the area for the first time during the month although they have lived in this community for a long time. Several publications distributed by the Tucson Chamber of Commerce, containing information about Saguaro have no doubt had an influence on visitor interest.

Special Activities.

The Superintendent spent the period May 11 through 14 in the forested area inspecting the various trails and fire protection activities.

Maintenance.

Work on relocating parts of the Madrona-Manning Camp Trail was continued by our two-man trail crew. Many rocks were removed and wider tread established on the new location.

Saguaro National Monument
Tucson, Arizona

May 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

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General.

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Special Activities.

The superintendent spent the period May 11 through 14 in the forested area inspecting the various trails and fire protection activities.

Maintenance.

Work on relocating parts of the Bedrock-Hunting Camp Trail was continued by our two-man trail crew. Many rocks were removed and wider tread established on the new location.

Approaches to Park Area.

The Broadway approach road was graded regularly during the month and was in good condition for the most part. The Pima County Highway Department is now using a wider blade on all their graders, enabling the grader operators to go over the roads more often.

Accessions.

A much needed saddle horse was secured from Grand Canyon by transfer. Ollie Barney has been riding him to work each day and he is becoming somewhat gentle, although he seems to have a innate desire to kick homo sapiens.

Interpretive Service.

A total of 1,221 persons in 382 parties were given interpretive service at headquarters amounting to 101 hours for an average of 15 minutes per party.

Ranger Frost was terminated on May 15 and his services will be sorely missed in the interpretive program. It is felt in this office that local interest has been materially increased by Mr. Frosts' unstinted efforts to help our visitors to enjoy Saguaro.

Increase or Decrease in Travel.

A total of 2,504 persons in 806 cars visited Saguaro during the month. Thirty two states were represented together with visitors from Denmark, Sweden, Alaska and Hawaii. This was an increase of 1,129 persons over the same month a year ago and a decrease of 420 persons over last month. Total visitors for the year 18,577.

Visitors.

W. A. Stickler, Mishawaka, Indiana, noted photographer.

Glenn Bean, Park Ranger, Organ Pipe Cactus National Monument.

Ranger Dan Davis & wife, Casa Grande National Monument.

Gregor Benda, Agriculture Attache, Royal Swedish Embassy, Wash, D. C.

Ranger McClanahan & wife, Petrified Forest National Monument.

Lynge Hansen, Odense, Denmark.

Ernst Brenner, Odense, Denmark.

Dr. W. Taylor Marshall, Director, Desert Botanical Garden, Tempe, Ariz.

D. Wayne Thompson, Assistant, Desert Botanical Gardens, Tempe, Ariz.

Approaches to Park Area.

The Broadway approach road was graded regularly during the month and was in good condition for the park part. The Film County Highway Department is now using a white blade on all their graders, enabling the grader operators to go over the roads more often.

Accidents.

A much needed saddle horse was secured from Grand Canyon by transfer. Little Barney has been riding him to work each day and he is improving another pretty, although he seems to have a lively Indian temperament.

Interpretive Service.

A total of 1,321 persons in 394 parties were given interpretive service at headquarters amounting to 124 hours for an average of 18 minutes per party.

Ranger Frost was transferred on May 15 and his services will be newly missed in the interpretive program. It is this in this office that local interest has been especially increased by Mr. Frost's unstinted efforts to help our visitors in a very square.

Injuries or Deaths in Travel.

A total of 5,604 persons in 1,204 auto visitor vehicles during the month. Thirty two vehicles were inspected together with visitors from Detroit, Dundee, Alaska and Hawaii. This was an increase of 1,129 persons over the same month a year ago and a decrease of 1,180 persons over last month. Total visitors for the year 14,817.

Visitors.

Mr. A. Wallace, Kokomo, Indiana, noted photographer.

Glenn Dean, Park Ranger, Oregon Ridge Centre National Monument.

Ranger Don Davis & wife, Cane Brake National Monument.

Ranger Hoard, Agricultural Attache, Royal Swedish Embassy, Wash. D. C.

Ranger McDonnelan & wife, Potrillo Point National Monument.

Ingre Hansen, Odense, Denmark.

Ernest Hammer, Odense, Denmark.

Mr. H. Taylor Marshall, Director, Desert Botanical Garden, Tempe, Ariz.

D. Bayne Thompson, Assistant, Desert Botanical Garden, Tempe, Ariz.

Ranger Service.

Ranger Wilde spent the entire month on fire protection activities in the forested area. Ranger Marvin H. Frost Sr. was terminated on May 15.

Wildlife.

Twelve mule deer (Mexican) were observed in the cactus area including one buck on May 15.

Mr. W. A. Stickler was fortunate in securing some good motion picture shots of javelines in several groups including young ones along the east side of the loop road.

An abandoned woodpeckers' nest (produced by plant exudation) attached to some Saguaro ribs was installed in the arboretum this spring for display purposes. Much to the astonishment and delight of our visitors, a pair of Says Phoebes took up residence therein and are in the process of rearing their young.

On the night of May 12 a spotted owl tentatively identified as Strix occidentalis lucida was heard several times in the vicinity of Manning Camp.

Forest Fire Protection.

Senior Fire Control Aid Samuel A. Orem entered on duty May 1 and was assigned to full time detection work for the month.

All fire tool caches were distributed to the various secondary lookouts and many of the logs were removed from the patrol trail. New batteries were installed in all telephones at the various stations.

Regular daily radio contacts were established with the U. S. Forest Service between Mica Mountain Fire Tower and Mt Bigelow Lookout. Daily radio contacts are being maintained with Organ Pipe Cactus and Chiricahua National Monuments for the ensuing fire season.

Personnel.

Irvin Western entered on duty as Trail Laborer on May 2, Mr. Western is experienced in this work and we are glad to have him.

Samuel A. King
Superintendent

Ranger Service.

Ranger Tilde spent the entire month on fire protection activities in the forested area. Ranger Marvin H. Frost Jr. was terminated on May 15.

Wildlife.

Twelve mule deer (Mexican) were observed in the oestus area including one buck on May 15.

Mr. G. A. Stickley was fortunate in securing some good motion picture shots of jewelines in several groups including young ones along the east side of the loop road.

An abandoned woodpeckers' nest (produced by plant evolution) attached to some (aguaro rib was installed in the arboretum this spring for display purposes. Much to the astonishment and delight of our visitors, a pair of Gaya jjbobes took up residence therein and are in the process of rearing their young.

On the night of May 12 a spotted owl tentatively identified as Strix occidentalis lucida was heard several times in the vicinity of Ranger Camp.

Forest Fire Protection.

Junior Fire Control Aid Samuel A. Gram entered on duty May 1 and was assigned to full time detection work for the month.

All fire tool caches were distributed to the various accessible locations and many of the logs were removed from the patrol trail. New batteries were installed in all telephones at the various stations.

Regular daily radio contacts were established with the U. S. Forest Service between Mica Mountain Fire Tower and at Ranger headquarters. Daily radio contacts are being maintained with Organ Pipe Cactus and Chiricahua National Monuments for the ensuing fire season.

Personnel.

Irvin Western entered on duty as Trail Laborer on May 5. Mr. Western is experienced in this work and we are glad to have him.

Samuel A. King
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

May 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Sunset Crater National Monument for the month of May, 1949:

Weather: Daily temperatures for the month were below normal and for this time of the year the lack of high winds was welcomed. The snow has disappeared, but for the first two weeks blocked the entrance to the Ice Cave. Precipitation was above normal.

Roads: The entrance road is in reasonably good shape, although it is impossible to keep out the "washboard". The road down through the cinders to Wupatki is in better shape than it has been for several years and has received considerable use.

Travel: Visitor use of this area increased ~~9%~~ 12% over May of last year and registration shows an increase of ~~almost~~ 30% above last month. A total of 889 persons registered, which is considered to be only 40% of the total travel.

Personnel: The Ranger -in-Charge moved into the trailer on the 21st of the month with his family and, once again, Sunset Crater has resident personnel.

Visitor Use: Increased overnight use within the area and along the entrance road by trailer owners has been common this month. It is felt that this is due to the fee system being tried in three of the Forest Service Camps. Camp Townsend, our nearest established camp, has a fee of 50¢ per night. People are merely pulling off the road wherever they find a likely spot and since most of them have gasoline stoves, they do not violate any regulations. It is felt that the results of the fee system will tend to scatter rubbish more widely over the Forest, and in the long run created additional fire hazard.

Interpretive Service: Proof of the new two-fold leaflet on Sunset was received, and we are anxiously awaiting receipt of copies for distribution.

Maintenance: The period from the 9th to the 20th was spent in making the trailer quarters liveable for the summer. It was painted on the interior, shelving and a sink installed, wiring and fixtures put in place. A new pit toilet constructed.

Area cleanup near the Crater is underway and has proven to be quite a task. A new garbage dump was established.

Publicity: This issue of the Arizona Highways carries an unusually fine cover photo of the Rim of Sunset Crater with the San Francisco Peaks in the background. There is also a three page story on the area with a good many photographs.

The Arizona Daily Sun on May 12 used a photograph of the Rim and called attention to the fact that the canary yellow rock deposit is sulphur, not uranium. Ever since the discovery of uranium at Mouse Rock Valley, bonanza hunters have been rackin' their memories for yellow earthy deposits. Geiger counters are being advertised for rent for the first time in Flagstaff.

Owen L. Reynolds
Ranger-in-Charge

Through the Supt., Wupatki.

No, Folks, It's NOT Uranium

Discovery of uranium in northern Arizona presents another problem at famed Sunset Crater National Monument northeast of Flagstaff. Park Service officials are afraid amateur uranium prospectors will get excited over the canary yellow rock and soil around the rim of the crater, shown here. The yellow rock isn't uranium-containing carnotite, according to Ranger Owen Reynolds, but is just plain ordinary sulphur. "So please don't pack away samples to test for uranium," he says. Shortly after 1066 A. D. when Sunset Crater ceased its eruption of volcanic cinder, steam escaped and minerals in solution were deposited when the steam struck the cold air, leaving "hot springs" deposits of sulphur and yellow iron oxide. Basic principle of the Park Service is to preserve areas in as natural condition as possible, so that they may also be enjoyed by future generations. (SUNfoto by Park Service)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

May 25, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is the report of activities at Tonto National Monument for May, 1949.

Weather. The first three weeks continued cool and pleasant, an unexpected reprieve from summer. However, hot weather started this week.

Approaches to the Monument. As usual during the summer, dusty and a bit rough, but not too bad.

Interpretation. Mrs. Pierson gave a talk on the various types of prehistoric weaving represented in the Tonto collection, with some of the better specimens of Salado weaving here as exhibits and visual aid, to the Roosevelt chapter of the American Federation of Women's Clubs. This was well received and was good public relations.
Ted Nicholls' film on the eruption of Paracutin was shown to the community .

Travel. Travel for May this year was about 20% above that of same month last year, with 1129 visitors this May, 937 last May. About 20 states and South Africa were represented.

Personnel. Archaeologist Pierson completed his oral exam for his Master's degree in Archaeology at Albuquerque this month. Superintendent Sharp was back on duty April 25. Sam Drew left for his Saguaro assignment the same day.

Visitors. Dr. Howard E. Cloyd of the Chicago Academy of Sciences.
Archaeologist Aide Rixey and family.
Misses Lynn & Kitty Sharp, sister and aunt of C. Sharp.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Jewel Cavern National Monument
Hot Springs, Oklahoma

Mar 30, 1949

Commissioner
Bureau of Indian Affairs
Washington, D.C.

Dear Sir:

Reference is made to your request of November 22 for Indian Treasure for May, 1949.

Caption: The Fort Sill Indian Boarding School and its pupils, an unusual regulation from economy, informal but positive adapted this week.

Description of the Treasure: As usual during the summer, Lewis and a few boys, but not the girls.

Interpretation: The Indian gave a bell to the writing form of photography because required in the Indian Territory, with the of the better qualities of Indian working here as activity and travel with, in the Department Bureau of the Interior Bureau of Indian Affairs. This was well received and was good public relations.

The principal file in the museum of Indian was issued in the community.

Comment: Never for the time year was about 800 Indian the 1 of was large last year, with life students this, 80 Indian the about 80 other and Indian Indian work students.

Interest: Anthropologist Thomas Hoxie left the week after the his report's return to anthropology or ethnographer Mrs. Hoxie. Superintendent Gurry was home on duty April 5th. Our from left the his department welcomed his back day.

Inquiries: Dr. Thomas T. Hoxe of the Chicago Academy of Natural Sciences, Miss Grace and Fowler.
Spanish Indian a State Indian, Arizona was next of S. Indian.

Flora & Fauna. Two Gila Monsters are sighted occasionally. A wildcat was seen near headquarters. The battle with the carpenter bees in the Lower Ruins continues. The first Saguaro blossom appeared about two weeks ago, but most of the blooms are not out yet. The wild buckwheat, (Eriogonum) has been in bloom continuously for about two months.

Public Relations. The fiddle and guitar again resounded at the long-abandoned site of Apache Lodge, and lights glinted from the dark waters of Roosevelt Lake rippling in the desert night-wind, at the first outdoor dance this season, on the old concrete floors near the Dam. Music was by Neall Lyall and Dean Day, complete with electric amplification; light plant by courtesy of the Park Service; wiring and general preparation by the Forest Service and Water Users; coffee & frijoles and general good will by the good community of Roosevelt, ranchers, Water Users and all; jitterbugging by the cowkids of Globe and Tonto Basin. It was a noble affair.

General. Ceiling insulation and covering in the superintendent's house were installed. A railing was put up along the bank by the ranger's house. Fire warning signs are up for the season. It is quite dry again, and an abundant cover present, due to winter rains. Fire tools were checked over. The 2-cylinder plant took another half day of maintenance.

It is annual report, estimate, and head-scratching time again.

Charles C. Sharp
Superintendent

Tonto National Monument
May 1949 Narrative.

Charles E. Shaw
Superintendent

Fonds National Historique
Bay Ship Municipal.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

May 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of May, 1949:

WEATHER CONDITIONS: Precipitation was zero. This is a little drier than the .17 average of the past 11 years for May. Maximum temperature of 101 occurred on May 24, minimum of 39 on May 21.

INCREASE OR DECREASE IN TRAVEL: All May travel records have been broken this month. 1,769 visitors arrived, in 514 cars. The highest previous May visitor total was for 1948, with 1,756 people. This is the second straight month of 1949 to pull out of the travel doldrums which started last November.

INTERPRETIVE SERVICE: 911 persons went on 158 guided trips through the mission church and grounds, receiving an average of 35.76 minutes per trip. 1,670 persons received combined information and interpretation service, and 1,687 saw the museum and patio garden.

VISITORS: 4 - 27 - The Tombstone High School Senior Class of 11 and one teacher, were very interested.

4 - 30 - Don Hummel, President of Concessions Company at Lassen.

5 - 7 - A Don's Club sponsored travelcade of 55 persons from Phoenix, plus about 10 border officials who met them at Tumacacori.

5 - 11 - Mr. P. W. Tompkins, a Park Service fan and chemical engineer from San Francisco, who spent the greater part of a day taking detailed photographic studies.

5 - 13 - The Patagonia Grammar School Eighth Grade.

5 - 22 - Sr. and Sra. Arriola, of Nogales, Sonora. He is the city health officer of the border, and was very interested in our history.

PUBLICITY: Quite a bit of Southern Arizona publicity came out as result of elaborate preparations the city of Nogales made for reception of the Don's Club sponsored Travelcade referred to above. At first Nogales officials anticipated 150 persons would arrive in the Travelcade, which was to terminate its trip in Nogales with attendance at the Fiesta de Mayo celebration, which is a join-hands-across-the-border affair of two cities. State Senator Merryweather and civic officials arranged with me for reception of the Travelcade group at Tumacacori, with plans for soft drinks, speeches by dignitaries, the Nogales High School Band for a concert, and then a trip through the mission. In anticipation of this large crowd I arranged for some of the local Boy Scouts to serve as "Junior Rangers" in helping to tactfully usher the crowd and prevent its spilling

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

May 30, 1947.

MEMORANDUM for the regional director,
Santa Fe.

Follows the monthly narrative report for Tumacacori National Monument for the month of May, 1947:

WEATHER CONDITIONS: Precipitation was zero. This is a little later than the .17 average of the past 11 years for May. Maximum temperature of 101 occurred on May 24, minimum of 22 on May 31.

INCREASE OR DECREASE IN TRAVEL: All May travel records have been broken this month. 1,792 visitors arrived, in 524 cars. The highest previous May visitor total was for 1946, with 1,658 persons. This is the second straight month of 1947 to pull out of the travel doldrums which started last November.

INTERPRETIVE ACTIVITY: 211 persons went on 15M guided trips through the Mission church and grounds, requiring an average of 32.77 minutes per trip. 1,570 persons received conducted information and interpretation service, and 1,897 saw the museum and visitor center.

VISITORS: 4 - 27 - The Tucson High School Senior Class of 11 and one teacher, were very interested.
4 - 30 - Don Tomasi, President of Commercial Company of Lamar.
5 - 7 - A Tom's Club sponsored travelcade of 32 persons from Phoenix, plus about 10 border officials who met them at Tumacacori.
5 - 11 - Mr. F. E. Hopkins, a Fish Service fish and game engineer from San Francisco, who spent the greater part of a day taking detailed photographic studies.
5 - 13 - The Patagonia Grammar School fifth grade.
5 - 22 - Mr. and Mrs. Arthur, of Douglas, Sonora. Mr. is the city health officer of the border, and was very interested in our history.

PUBLICITY: Quite a bit of Southern Arizona publicity came out as a result of elaborate preparations the city of Nogales made for reception of the Don's Club sponsored Travelcade referred to above. At first Nogales officials anticipated 150 persons would arrive in the Travelcade, which was to terminate its trip in Nogales with attendance at the Fiesta to have celebration, which is a join-Santa-Ana-Sonora-Ely-border effort of two cities. State Senator Murphy and civic officials arranged with me for reception of the Travelcade group at Tumacacori, with plans for soft drinks, speeches by dignitaries, the Nogales High School band for a concert, and then a trip through the mission. In anticipation of this large crowd I arranged for some of the local Boy Scouts to serve as "junior rangers" in helping to tactfully usher the crowd and prevent its spilling

over into places where it could unwittingly do damage to natural or historic features.

Then came the great moment for which Nogales officials had so carefully planned. A loud-speaker was set up in our view window, great quantities of soft drinks arrived, and then, instead of the crowd of 150 people came a total of about 65 people. Senator Merryweather addressed the group, as they stood north of the museum with the mission in the background, then Mayor Robbins of Nogales spoke briefly. Then the chief address, a historical talk, was given by yours truly. After which the visitors were taken through the mission. Upon termination of the trip everybody appeared to have had a grand time, the Boy Scouts cleaned up the mess and consumed prodigious quantities of surplus soft drinks, and the monument was completely intact. We were mildly amused at the elaborate preparations made by our local civic leaders, but perhaps they are not as accustomed to handling large crowds of people as we Park Service veterans are.

The important thing about the above episode, to us, is the fact that several civic leaders of the border area seem to know much more clearly than before that Tumacacori is more than just a way station at the side of the road.

MAINTENANCE: Application of bitumuls and gravel to trails of the residence area, and from the museum building to the residence area, has been completed. Another treatment will be needed next year to really solidify the whole trail. The patio garden fish pond was given its annual cleaning out. Valves on the water line leading to the fish pond and on the drain pipe leading from it were in very bad condition, so a deep excavation was necessary. Valves were repaired and re-ground, the excavation was re-filled, and a new box left open down to the valves. A leaky toilet in the comfort station was taken out, repaired, and replaced. Heating stoves of the residences were removed for the summer. Pruning of winter killed plants was practically finished. Bermuda grass was removed from walks. The combination of the office safe was changed. In starting the annual check-up on the museum furnace it was discovered that the firepot was warped and cracked. This, plus the fact the burner motor is badly worn, and the hearth is completely worn out, will necessitate practically an entire new furnace before next winter. A detailed report on the furnace condition will follow separately.

ROADS: Bids were solicited for oil caking the road leading from the parking area to the residence area. Only one bid was received, and it was entirely too high, so the work has been deferred until another year.

MUSEUM AND EDUCATION: Our patio garden is actually an extension of the museum. This year in one section we have planted two rows of the primitive Papago Corn, which is as near as we can get to the corn which was being raised here when missionary activity began. Two other rows have been planted in Mexican June Corn, which is about as great a modern corn contrast with the old type as we can obtain. Labels at the heads of the corn rows inform the visitors of the contrast, and they can note, as the corn matures,

over into places where it could unwittingly do damage to natural or historic features.

Then came the great moment for which Angeles officials had so carefully planned. A long-awaited was set as in our view wishes. Great quantities of soft drinks arrived, and then, instead of the crowd of 150 people came a total of about 85 people. Director Harrywonder addressed the group, as they stood north of the museum with the mission in the background, then Mayor Jennine of Angeles spoke briefly. Then the chief address, a historical talk, was given by Laura Early. After which the visitors were taken through the museum. Upon termination of the trip everybody appeared to have had a grand time, the soft drinks cleaned up the mess and consumed prodigious quantities of surplus soft drinks, and the movement was completely intact. We were slightly amused at the elaborate preparations made by our local civic leaders, but perhaps they are not as accustomed to handling large crowds of people as we Park Service veterans are.

The important thing about the opening ceremony, to us, is the fact that several civic leaders of the border area have to know much more clearly than before that Tumacacori is more than just a pretty ruin at the side of the road.

MAINTENANCE: Application of bitumuls and gravel to trails of the residence area, and from the museum building to the residence area, has been completed. Another treatment will be needed next year to really stabilize the dirt trail. The patio garden fish pond was given its annual cleaning out. Valves on the water line leading to the fish pond and on the main pipe leading from it were in very bad condition, so a deep excavation was necessary. Valves were repaired and re-ground, the excavation was re-filled, and a new bag left over down to the valve. A newly tested in the comfort station was taken out, repaired, and replaced. Leaking stoves of the residences were removed for the summer. Pumping of water filled plants was practically finished. Manuals grass was removed from walks. The combination of the office safe was changed. In starting the annual check-up on the museum furnace it was discovered that the firepot was warped and cracked. This, plus the fact the burner motor is badly worn, and the boiler is completely worn out, will necessitate practically an entire new furnace before next winter. A detailed report on the furnace condition will follow separately.

POLICY: Bids were solicited for oil coating the road leading from the parking area to the residence area. Only one bid was received, and it was entirely too high, so the work has been deferred until another year.

MUSEUM AND EXHIBITION: Our patio garden is actually an extension of the museum. This year in one section we have planted two rows of the primitive Papago corn, which is as near as we can get to the corn which was being raised here when missionary activity began. Two other rows have been planted in Mexican June corn, which is about as great a modern corn contrast with the old type as we can obtain. Labels at the heads of the corn rows inform the visitors of the contrast, and they can note, as the corn matures,

the distinct differences which will show up. We believe there can be no more graphic form of education than this.

PERSONNEL: Ranger Brewer had a touch of "flu" and was ill for several days, taking 4 days 6 hours of sick leave.
Superintendent Jackson took 2 days of annual leave.
On May 12 Alfred Frank Whiting entered on duty as WAE Guide, filling the position vacated by Juliet Kibbey England because of pregnancy. Mr. Whiting worked two days this period.

GENERAL: Except for the distressing news about our museum furnace, it can be reported that the monument is going along in good shape.

Earl Jackson,
Superintendent.

[illegible] differences which will show up. We believe there can be no [illegible] form of education than this.

[illegible]: Ranger Brewer had a tonsil of "flu" and was ill for several days. [illegible] a days 8 hours of sick leave.

Superintendent Jackson took 2 days of annual leave.

On May 12 Alfred Pyne Killion entered on duty as the Guide, filling the position vacated by Juliet Kilbey Wyland because of pregnancy. Mr. Killion worked two days this period.

[illegible]: Except for the distressing news about our member [illegible], it can be reported that the movement is going along in good shape.

Yours [illegible],
[illegible].

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA.

MAY 26, 1949.

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for May, 1949.

Travel Data:

1536 visitors broke the record for May travel at Tuzigoot. Previous May high of 1428 was reached in 1948, all of which is a reminder that the travel season is just around the corner.

Weather:

The weather has been fairly cool all month, with wind a good percentage of the time. No precipitation. Sulphur smoke, from the smelter, hung over the ruins part of the time making it rather hard on the visitors.

Guide and Contact Service:

Museum, ruins and orientation contacts totaled 3304 for the month. 1305 people in 478 parties were shown through and given an orientation lecture in the museum, and 1309 people in 472 parties made the trip through the ruins. Average time spent by each party in the museum and ruins was 21 minutes.

Personnel Time:

Museum: 171 hours. Ruins: 161 hours, 40 minutes. Total time for Bright: 156 hours, 20 minutes. For Richert: 176 hours, 20 minutes.

N.P.S. Visitors:

Ranger and Mrs. Clancy on April 25, and Sup't. and Mrs. John Cook on May 1, all from Montezuma Castle N. M.

Special Group:

Tuzigoot played host to 37 Geographic Society Students from the University of California on April 27.

Maintenance:

All informational and directional road signs were repainted and relettered, and many favorable comments, by the visiting public, have been received. The ranger-archeologist spent three more days repairing the flagstone trail leading to the ruins. A new window pane was installed in the office door.

Everett W. Bright
Superintendent.

YELLOWSTONE NATIONAL MONUMENT
Yellowstone, Wyoming.

April 21, 1941.

Superintendent for the Regional Director, Region Four.

Reference is the monthly narrative report for Yellowstone National Monument for May, 1940.

Forest Fires:

Lack of fires during the period. Our only forest at Yellowstone. Previous day high of 1[illegible] was reached in 1940. All of which is a possibility upon the visitor season in that around the country.

Weather:

The weather has been fairly good all month, with only a good percentage of the time. No precipitation, outdoor weather. From the weather, deep over the river and of the time making it rather hard on the visitors.

Guide and Concession Service:

Showing, rides and automobile service totaled [illegible] for the month. [illegible] people in [illegible] parties were given tours and rides on automobile tours in the month, and 1,[illegible] people in [illegible] parties made the trip through the park. Average time spent by each party in the museum and rides was [illegible] minutes.

Personnel Items:

Season [illegible] Jobs, [illegible] hours, [illegible] minutes. Total time for [illegible] the month, 30 minutes. Per diem: [illegible] hours, [illegible] minutes.

C.C.C. Visitors:

Camps and Co. Officer on April [illegible], and [illegible], and [illegible]. Camp [illegible] on May 1. All from Yellowstone Camp's [illegible].

Special Trips:

Trailer plane left to [illegible] Yellowstone [illegible] the University of California on April [illegible].

Maintenance:

All informational and directional road signs were painted [illegible] relatively, and many [illegible] commenced. By the visiting public. [illegible] been repaired. The regular [illegible] quart three days regularly the [illegible] leading to the [illegible] a new window pane was installed in the office door.

[illegible]
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

May 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly narrative report of activities at Walnut Canyon National Monument for May, 1949.

Visitors this month, 1936; travel year to date, 4358.

General Water ceased to flow in Walnut Canyon about May 10. Numerous fish were known to have escaped from Lake Mary into Walnut Creek and on May 21 and 22 the State opened the stream to fishing. Five people fished on the monument and the Superintendent caught the only fish - a small-mouthed bass.

At night choruses of frogs along the creek can be heard on the canyon rim.

Visitors often report seeing antelope or deer along the approach road and several deer have been seen on the monument.

Administration Building fire protection and forest fire fighting plans were prepared.

Hastings and Leding attended the Forest Service fire fighting school on May 5 and 6.

The Department of the Interior Century of Conservation stamp was received and used on our envelopes.

Some time was spent interviewing people who would be customers on an electric power line to Walnut Canyon.

The annual report for the 1949 fiscal year was prepared.

The Forest Service is about to start charging for the use of their camp ground in Oak Creek Canyon and at Camp Townsand at the rate of 25¢ for picnic parties and 50¢ for over-night camping. This will probably make some difference in the demands on our picnic area by Sunday and evening picnickers.

Weather Snow to a depth of 5½ inches on May 5 slowed travel for a few days.

Equipment Bids were received and distributed for a new gasoline operated jack hammer.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro Cactus National Monument
Flagstaff, Arizona

Aug 26, 1937.

CONDITION for the Regional Director, Region Three.

There follows the monthly narrative report of activities at Saguaro Cactus National Monument for May, 1937.

Visitors this month, 1936: Travel year to date, 4000.

General. Water caused by flow in Saguaro Canyon about May 22. Beautiful flow were shown to have occupied from which they will behind trees and on May 23 and 24 the Park opened the prevent to flooding. Five people fished on the monument and the superintendent caught the only fish - a small-mouthed bass.

A light storage of frogs along the creek can be heard at the canyon site.

Visitors often report seeing children at low flying the airplanes. Good not permit have been seen on the monument.

Administration. Painting the portraits and frames fine finishing also - work completed.

Rangers and Ladies directed the Power service film training school on May 5 and 6.

The Department of the Interior Battery of Information films were received and used on our campfires.

Some time was spent interviewing people who would be working in as an electric group line in Tucson Expo.

The annual report for the 1936 fiscal year was prepared.

The Tucson Junior is about to start working for the park. Many people in the Tucson Tucson and at Fort Huachuca in the plants service and help for week-end campers. This will [illegible] many some difficulties in the Sonoran on our public area by [illegible] crowing picnickers.

Maintenance. Done in a depth of 81 inches on May 21 without injury but a the days.

Development. Site were received and distributed for the public campfire park tomorrow.

Visitors A total of 1936 visitors came to the monument. Of these 1211 were contacted in 19.5 hours. 228 saw the museum on Sundays and other times when the light plant was running. Several local people were surprised to learn we have a museum and are very interested in it. Since the museum depends entirely on artificial illumination, it is open to visitors only when the light plant is running.

On April 26 a party of 38 students from the University of Southern California were found camping on the picnic area. They came in late and were prepared to spend the night when discovered.

A party of 38 students from Safford High School visited the monument May 18.

Southwestern Monument Association Sales A total of $65.10 was collected from April 17 through May 22 in the sale of publications, etc. Post cards, Jumbo cards, and picture packs in colors have been received and will soon be placed on sale on a Self-Serve basis.

Maintenance Repainting the living-room of the ranger's quarters is almost complete.

The woodwork, walls, and ceilings of office, workroom, and lobby were repainted except the portions painted green in the lobby and the window frames.

The telephone line went dead and a tree was found on it near the quarters. The line was lying on the ground near Fish's ranch and was broken where it crosses old Highway 66.

Protection Three S & A fire extinguishers were cleaned and refilled.

Arrangements were made with the City Street Department of Flagstaff to respond to a fire call.

Daily patrols of the picnic area are made at dusk to check for neglected fires.

The condition of fire tools was checked and caches were placed at the museum and in the Comfort Station. A 6-man tool box has been equipped and placed where it could be quickly loaded on a truck.

Roads and Trails The visitor trail into the canyon and around the "Island" has been reconditioned for summer use.

On May 9 the county bladed the approach road and our entrance road.

Maintenance man Joe Bean moved from Wupatki on M ay 19. The motor patrol, loader and Wupatki truck are being used along with the Walnut Canyon dump truck to haul cinders for our roads.

Tuesday. A total of 1234 visitors came to the museum. 97 times 1211 were endorsed in 24.2 hours. 248 saw the museum on Monday and after times when the light was reading. Several local people were surprised to learn we have a museum and are very interested in it. Since the museum depends entirely on artificial illumination, it is open to visitors only when the light plant is running.

On April 23 a party of 20 students from the University of Southern California were found hanging on the public area. They were in time and were prepared to spend the night had discovered.

A party of 20 students from Bethel High School visited the museum May 12.

Experiments Museum Lighting Bulb. A total of 4321.23 was collected from April 17 through May 23 in the sale of publications, etc. That cash, Tuesday cards, and giveaw pads in bulbs have been received and will soon be placed on sale on a Half-Cents basis.

Maintenance. Repainting the living-room of the museum's quarters is almost completed.

The windows, walls, and ceilings of offices, museums, and lobby were repainted except the previous painted areas in the lobby and the window frames.

The telephone line went down not a tree was found on it near its quarters. The line was lying on the ground near Pick's Dodge and was broken where it crosses all highway 66.

Properties. Items 3 & 4 fire extinguishers were cleaned and refilled.

Arrangements were made with the City Street Department of Flagstaff to respond to a fire call.

Daily patrols of the public area are made at least 12 times per regulated times.

The condition of the yards was cleaned and rubbish were piled at the museum and in the Forest's dwellings. A dump pit has been excavated and placed where it could be quickly loaded in a truck.

Trails and Fields. The visitor trail into the museum and around the "Lake" has been reconditioned for nature use.

On May 9 the county finished the approach road and the military trail.

Maintenance men 7ts Jess moved from Bagdad to 8 by 12. The lodge patrol, lunker and Bagdad trails are being used along with the Indian Canyon dump trail in best shape for our trails.

2

Saint Darren

National Park Service Visitors Archaeologist Aid Rixey arrived on May 2 and departed May 3 after loading the last of the stabilization equipment, and cleaning up around the Log Cabin.

Archaeologist Schroeder and former ranger Charles B. Frost were here May 11.

Superintendent and Mrs. Bright were here May 16 and 17.

Homer F. Hastings,
Superintendent.

[illegible]

[illegible]

[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

White Sands

Box 251, Alamogordo, New Mexico.

May 23, 1949.

MEMORANDUM for the Regional Director, Region Three.

MAY TRAVEL, 1949		TRAVEL YEAR TO DATE	
Visitors, 11,121	Cars, 2,428	Visitors, 65,373	Cars, 16,088

GENERAL: May has brought us exceptionally heavy winds, as was the case a year ago, but in spite of this, May has exceeded, by well over three thousand, any May in our history, and our travel year to date is ahead of any like period by over thirteen thousand. In a small area such as ours, thirteen thousand gain over our heaviest travel is trying to say the least. Probably not as trying on us as on the Regional Office, but our set-up and staff is not capable of doing justice to this number of visitors. To give even checking station service to this number leaves us little time for much else, and as a consequence, we are way behind on upkeep of buildings, equipment, and even general clean-up. One official trip was made to El Paso, and no inspection trips off our public use area were made.

PUBLICITY: No lack of publicity ever exists at White Sands. If nothing more than our being in the middle of the area of the big fight between ranchers and the Army, every day or so we rate the press. A nice story appeared in a New York City paper telling of the White Sands and urging its readers to come by. We got a lot of publicity through the recent U.S. Highway 54 Association. U.S. Highway 70 holds a meeting in Safford next week, and already we are receiving publicity from this angle.

COMPLAINTS: No complaints of any nature have been received in this office on either our Service or the White Sands Service Company.

ROADS & TRAILS: Our roads have been handled by Ranger Chittum while Joe is laid up with his broken ankle. Chittum is doing this in addition to some of his regular duties. Ray holds down some of the jobs which Harold is forced to pass up.

CONCESSION: The Concession seems to be running a little behind last year, and we are at a loss as to why, when the visitor total is so much higher. Purchases seem to be for smaller amounts, and lower priced articles. In accordance with instructions, price reductions have been placed into effect.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Rocky Mtns.

Box 567, Lakewood, New Mexico.

May 27, 1966.

MEMORANDUM for the Regional Director, Region Five.

Mt Evans, 1966 TRAVEL DAY TO DATE

Visitors, 11,321 Cars, 3,435 Vehicles, 8,177 Cars, 3,435

GENERAL: May has brought us exceptionally lovely skies, so was the rare a great eye, but in spite of this, May has commenced, by well over fifty thousand, any day in our history, and our travel year to date is ahead of any like period by over thirteen thousand. In a small area such as ours, thirteen thousand pair over our borders travel is taxing to say the least. Probably not as taxing on us as on the regional office, but ever mulling and what is not possible of point putting to this number of visitors. To give even minimum visitor service to this number leaves us little time for much else, and as a consequence, we are very behind on upkeep of buildings, equipment, and even general cleanup. The official duty area has to be kept, and an improvement thrip at our public use area was made.

PUBLICITY: We lack of publicity over media of mass media. If anything more than our being in the middle of the crux of the big high volume moderate and low area, every day or so we just hit press. A nice story appeared in a New York City paper telling of the little truck and saying the rangers in area by. We put a lot of publicity through the press b.c. telling the broadcasts. Tuesday TV broke a meeting in Denver last week, and already we are receiving publicity from this region.

INCIDENTS: No complaints of any nature have been received in this office as either our Denver or the state game department.

HELP & TRAIN: Our needs have been handled by Denver Office while Joe is laid up with his broken ankle. Jerry is doing his in addition to some of his regular duties. Our helps have some of the jobs which usually is forced to pass up.

PROMOTION: The commission seems to be running a little behind this year, and we are at a loss to say, what the visitor kind is or such figure. Problems seem to be far smaller seemingly, and lower price articles. In accordance with instructions, Jerry publicity have been placed into effect.

Superintendent's Narrative - continued

RANGER SERVICE: As was true last month, little has been done other than the absolute necessary duties connected with the volume of people -- mostly clean-up, garbage disposal, and water hauling.

VISITORS: A Grazing Service official was in with a couple of accountants from the General Accounting Office. Mr. E. P. Ancona of the Forest Service was in with Mr. Jackson from their Washington Office. Remo Sarlin of the Indian Service and formerly at Ranier and Olympic National Parks was in for a few minutes. So, in spite of neglects here and there, we are proud of the increase in our visitor totals, and especially appreciative of the kind words so many leave with us. My boys are doing yeoman's service over long hours. Otherwise, the added work could be most impossible.

Johnwill Faris,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

May 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of May.

Weather: Unseasonably cool weather characterized May. No temperatures above 85° until the 24th. Hiegh winds were limited to one week and we had .80 inches of precipitation in two storms.

Roads: All approaches are passable, although somewhat dusty. They are in better shape than at any time in the past.

Travel: Visitor use increase 12% over the corresponding period for last year, but decreased slightly from last month. A total of 510 persons registered, 366 at Wupatki, 144 at the Citadel. Guide service was provided for 318 at Wupatki.

Special Activities: Plans were made to obtain an option on the Heiser Spring property and Regional Lands Chief McColm came to Flagstaff for this purpose on the 25th. Unfortunately Mr. John Babbitt was called to Tucson for a Board of Regents meeting and was unable to keep the appointment. At the request of Mr. McColm an attempt will be made to negotiate an option as soon as Mr. Babbitt returns.

Grazing: Grazing under permit for the season was terminated on the 15th, except for a few strays. It was agreed that the grazing had averaged 200 head per month and settlement is in process. For the next season the fee should be increased from 36¢ to 44¢ per head, as this is the seasonal increase on the nearby Coconino Forest.

Forest Fire Protection: A forest fire training school was held at the Happy Jack Camp on the 5th and 6th by the Coconino National Forest. Planned at the fire guard level and with emphasis upon the control of small fires, it met our fire training needs adequately. Ranger Owen Reynolds spent the full time in attendance, Jones one day.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Shenandoah NATIONAL MONUMENT

Luray, Virginia

July 23 1941

MEMORANDUM for the Regional Director, Region Three.

Here follows a report of activities at Shenandoah National Monument for the month of July.

Weather: Consequently hot weather continued this month. The temperature above 90° until the 24th. Heavy rains were limited to one week but we had .75 inches of precipitation in the month.

General: All appearances are favorable, although somewhat hazy. The air is better than at any time in the year.

Travel: Visitor use increased 78% over the corresponding period in last year. Our concession activity from last month. A total of 8[illegible] visitors registered, 818 at Dogwood, 168 at the Skyland. Park entries were predicted for 512 at Dogwood.

Special Activities: Plans were made to install an option in the Skyland parking property and Regional Lands Office notified such is Thursday for this purpose on the 28th. Correspondence by Mr. John Lakin was called to Issues for a Board of Regents meeting and was unable to meet the requisition. At the request of Mr. Nelson a [illegible] will be made to negotiate an option to meet on Mr. Nelson's return.

For the season

Drainage: Drainage under permit/was instalied on 15th 1[illegible], except for a few stones. It was agreed that the grading had averaged 300 land per month and maintenance is in progress. For the next month the fee should be increased from 50¢ to 60¢ per head, so that is the recommend increase on the county tax[illegible].

Forest Fire Protection: A forest fire prevention meeting was held [illegible] Park Camp on the 8th and 9th by the Lowndes National Park [illegible] Planned at the fire power level and with equipment upon the [illegible] park fires, it was our fire protection much adequate. [illegible] Republic report the fall that is attendance. [illegible]

Visitors: We enjoyed brief visits with the Hastings, Brights and Steve Leding during the month. For the Brights this was their first visit. and we tried to impress them with ruins, since we do not have a museum to show off.

Other visitors this month included Mr and Mrs. R. J. Fleming, the photog aphers from Santa Barbara; Mr. and Mrs. Howard K. Gloyd, the herpetologist from the Chicago Academy of Sciences; and Mr. and Mrs. G. S. Greyling from the Transvaal, Union of South Africa.

Spring Flow: Heiser Springs has increased from 3085 to 3456 g.p.d. since last month; Wupatki dropped from 1152 to 785 g.p.d. This is well above the flow records for the corresponding period of the past three years. In the case of Heiser Spring this is more water than it has produced during any month of the past three years and this is supposed to be past the period of heaviest flow.

Research and Observation: A copy of the Stabilization Manual prepared by Gordon Vivian was received for review and will be sent on to Walnut as soon as we get our comments down on paper. Vivian is to be congratulated for doing an excellent job.

Negatives of the petroglyphs at Willow Springs, on the Hopi Salt Trail, were obtained from Platt Cline and sent to your office for prints. These are supposedly the only petroglyphs for which the meaning is known, and the negatives were of exceptionally fine quality.

It was noted early in the month that there were a great number of birds this spring in Wupatki Basin. Then we noticed a large number of small green caterpillars. Now a good many of the Saltbush (Atriplex) have been denuded, or practically so. Specimens of the caterpillar are being sent in for identification and a survey will be made shortly to determine the extent of the infestation.

Road Maintenance: As a result of the storms Maintenanceman Bean was able to blade twelve miles of road and establish drainage that will prevent the water from gullying the middle of the roads. Waterways were reconditioned on the Wupatki entrance road, forty yards of clay hauled to cover rocks and fill in chuck holes. Unless an emergency arises, no additional work will be done the balance of this fiscal year at Wupatki. Maintenanceman Bean is now at Walnut Canyon with all our equipment, having started with the process of moving on the 17th.

David J. Jones
Superintendent

In triplicate.

eports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			

May
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes	8	51	1 hour
uins or Hist. House			
ther			
Total	8	51	8 hours

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Windows	113	476	31 hours
Headquarters	37	180	6½ hours
(Give Name or Type) Total	150	656	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	16	(Ave 1)	
ther			

647
Total Receiving Interp. Serv.

1624
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME Datus E. Wilson

TITLE Superintendent

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

AZTEC RUINS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

MAY
Month
1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Kiva~~ ~~Pueblo~~ ~~House~~	112	807	3/4 hr
Other ~~Museum~~ ~~Museum~~	199	1131	1/2 hr
Total	311	1938	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	85	1 hr
Displays and Exhibits			
Replies to Inquiries			
Other			

1938
Total Receiving Interp. Serv.

1131
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	114
Popular Studies	
Source Books	

NAME Irving D. Townsend
TITLE ~~Supt~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Canyon de Chelly National Monument~~
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		Two	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	95	200	10 Min.
Total	95	200	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

Total 200 Receiving Interp. Serv.

Total Number Visitors to Area 255

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	

NAME Meredith M. Guillet

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain National Monument
Name of Area

May
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	One		
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five of the			
principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			none

500
Total Receiving Interp. Serv.

1,500
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	none
Source Books	

NAME Homer J. Farr

TITLE Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	144	1112	49.9 Min.
Other	143	1112	22.3 Min.
Total	287	2224	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Museum etc.		827	
(Give Name or Type) Total		827	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2224
Total Receiving Interp. Serv.

1939
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	**Out of print**
Popular Studies	
Source Books	

NAME **A. T. Bicknell,**
TITLE **Superintendent.**

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) Superintendent	
Temporary			(1) ranger

26646

CONDITIONED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	29	137	81 mins.
Other			
Total	29	137	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	24	119	18 mins.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	24	119	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

256
Total Receiving Interp. Serv.

137
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Irving McNeil, Jr.

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	1	3	1½ hrs.
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	1	3	1½ hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters Museum	30	1285	1/4 hr.
Massai Point	4	80	1/4 hr.
(Give Name or Type) Total	34	1365	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Massai Point Orientation Station (Estimated)	30	856	1/4 hr.
(Give Name or Type) Total	30	856	1/4 hr.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2,221
Total Receiving Interp. Serv.

1,433
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Ray B. Ringenbach
Ray B. Ringenbach,
TITLE Park Ranger.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

EL MORRO NATIONAL MONUMENT
Name of Area

MAY
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		one	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	64	329	1¼ hr.
Ruins or Hist. House			
Other	4	15	2½ hr.
Total	68	544	88 hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	11	74	20 min.
Other (Not connected with conducted trip)	3	6	20 min.
Total	14	80	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
TRAIL TO RUINS ON MESA	9	54	2 hrs.
(Give Name or Type) Total	9	54	18 hrs.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

478
Total Receiving Interp. Serv.

343
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME John A. Aubuchon

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~The Superintendents family has been of great assistance helping to contact the visitors when it was necessary for me to be absent. Two school groups visited the area.~~

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

May
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	53	197	48 Min
Other			
Total	53	197	42½ Hrs

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

197 *
Total Receiving Interp. Serv.

259
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Superintendent on annual leave first 5 days of the report period.
* An additional 36 people, local residents, here to use telephone or on other business were also contacted.

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PO F

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"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

MAY
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact station - Sundays and during week days as time and work permitted.	4	1297	10 mins
(Give Name or Type) Total	4	1297	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1		
Other			

1297
Total Receiving Interp. Serv.

1705
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Tedd. Sowers

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	1
Temporary			1 (10 days)

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	166	721	45 min
Other			
Total	166	721	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum (not continuously attended)	1	800	10 min.
Orientation (connected with conducted tour but received by those not making tour)	1	500	10 min.
Museum (Montezuma Well)	1	450	15 min.
(Give Name or Type) Total		1750	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail (Montezuma Castle)	1	1200	
Nature Trail (Montezuma Well)	1	1000	
(Give Name or Type) Total		2200	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks Schroeder	2	app. 50	30 min.
Displays and Exhibits			
Replies to Inquiries			
Other			

4671
Total Receiving Interp. Serv.

3437
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME John C Cook

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Navajo National Monument
Name of Area

May
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans SANDAL TRAIL	22	115	15 *
Walks or Hikes BETATAKIN	8	24	15 *
Ruins or Hist. House KEET SEEL	1	3	15 *
Other SCAFFOLD HOUSE	1	2	40 *
Total	32	144	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	18	111	35
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	12		
Other			

* Trail and Rules orientation only

255
Total Receiving Interp. Serv.

147
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME J.W. Brewer Jr.

TITLE J.W. Brewer, Jr., Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
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ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

MAY
Month
1949
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	1	4	3 hrs.
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	1	4	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	4	32	1½ hrs.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	4	32	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	14	175	½
(Give Name or Type) Total	14	175	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

211
Total Receiving Interp. Serv.
11340
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh,
TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Office open only 16 days due to press of other work.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary	1		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	Days NO.		
Monument headquarters	50	1221 people in 382 parties	6060 min. total 15 min. average per party
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	20 persons	1 hour.
Displays and Exhibits			
Replies to Inquiries			
Other			

1221
Total Receiving Interp. Serv.

2504
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Samuel G. King

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Ranger Marvin H. Frost separated on May 15.
On may 19 Ranger Wilde gave a talk on plant and animal life of Saguaro National Monument at regular meeting of Local 81, National Federation Fed. Employes

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Fill in Only Those Blocks That Apply

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			1
Temporary			

May
Month
1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	0		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trailside Signs	296	889	05
(Give Name or Type) Total	296	889	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

889
Total Receiving Interp. Serv.

2222
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Owen L. Reynolds

TITLE Ranger-in-Charge

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Ranger moved into area on 21st, but occupied with clean-up. Prior ~~time~~ two weeks spent on maintenance of quarters.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TONTO NATIONAL MONUMENT
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~or Hist. House~~	129	397	45 min avg
Other			
Total	129	397	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Hq. Museum office	31	1,064	
(Give Name or Type) Total	31	1,064	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	40	30 min.
Displays and Exhibits			
Replies to Inquiries			
Other			

1,461
Total Receiving Interp. Serv.

1,129
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Lloyd M. Pierson

TITLE Archaeologist.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

May Month
1949 Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	158	911	35.76 minutes
Other			
Total	158	911	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	0		
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined information and interpretation service at registry desk or in museum. All visitors save run-arounds get this service.	1	1,670	5 mins. Ave.
(Give Name or Type) Total	1	1,670	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self-guiding museum and patio garden	2	1,687	20 mins. Ave.
(Give Name or Type) Total	2	1,687	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1		
Other			

4,258
Total Receiving Interp. Serv.

1,769
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	none
Popular Studies	"
Source Books	

NAME Earl Jackson
Earl Jackson
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Visitor total includes 82 runarounds. Four employes working days were missed, because of sick and annual leave.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

MAY
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	ONE	ONE	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	472	1309	21-mins
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	478	1305	21-mins
Orientation (Not connected with conducted trip)	252	690	5-mins
Other (Not connected with conducted trip)			
Total	730		

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3	(Correspondence)	
Other			

3304
Total Receiving Interp. Serv.

1535
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Everett W. Bright
Everett W. Bright,
TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

May
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Overlook at museum building	1	1211	15 min
Museum	1	228	10 "
(Give Name or Type) Total	2	1439	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into canyon	1	1355	50 min
(Give Name or Type) Total	1	1355	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	0		
Talks	0		
Displays and Exhibits	0		
Replies to Inquiries			
Other			

2794
Total Receiving Interp. Serv.

1936
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer T. Hastings

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Museum open only part time due to limited funds for operating light plants.

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TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Report No. 9m5

White Sands National Monument
Name of Area

May
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes		O	
Ruins or Hist. House		N	
Other		E	
Total			

TALKS	NO.		
Campfire		N	
Hotel or Lodge		O	
Museum (Not connected with conducted trip)		N	
Orientation (Not connected with conducted trip)		E	
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
	31	5,500	1/6
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	25	30 Min.
Displays and Exhibits			
Replies to Inquiries			
Other			

5,500
Total Receiving Interp. Serv.

11,121
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Johnwill Faris

TITLE Johnwill Faris, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1 (part)
Temporary			

May
Month

1949
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	92	318	41
Other			
Total	92	318	41

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nalakihu Exhibit	48	144	05
(Give Name or Type) Total	48	144	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

462
Total Receiving Interp. Serv.

510
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME David J. Jones

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

King

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

July 27, 1949

JUNE 1949 MONTHLY REPORTS

Routing List--Southwestern National Monuments

	Name of Official	Date Received	Date Forwarded
Chiricahua	C. V. Cooke	7-29-49	7-30-49
Saguaro	S. R. King	8-1-49	8-2-49
Tumacacori	E. Jackson	8-3-49	8-4-49
Organ Pipe Cactus	[illegible]	8-10-49	8-12-49
Casa Grande	[illegible]	8-17-49	8-25-49
Tonto	C. Sharp	AUG 27 1949	AUG 29 1949
Tuzigoot	E. W. Bright	Aug. 31, 49	Sept. 1, 1949
Montezuma Castle	John O. Cook	9/2/49	9/3/49
Walnut Canyon	H. Hastings	9/6/49	9/7/49
Wupatki	[illegible]	9/10	9/13
Navajo			
Region Three Office--Mr. King			

(List No. 2.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

July 14, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is the narrative report for the Naturalists of the Southwestern National Monuments for June 1949.

Staff Activities, General

Naturalist Dale S. King was in the office the whole month except for a personal trip to Bandelier June 25 and 26 and a one day trip to Clayton, New Mexico, June 30 and July 1 to make a talk before a Tourist Host School. Steen went to Tucson and Tumacacori June 10 - 18, spending the balance of the month in the office.

Interpretive Administration

King read proof on the 2-fold leaflet on Montezuma Castle and compiled data on needs for informational literature for fiscal years 1950 and 1951. He wrote to chambers of commerce at Alamosa, Colorado and Farmington, New Mexico, concerning their requests for supplies of informational literature. He prepared a justification for interpretive funds for fiscal year 1950.

Progress of Exhibit Plans and Projects

Steen undertook the preparation of a display sherd board for Gran Quivira.

Research and Observations

A scorpion sent in by the superintendent of Chaco Canyon was forwarded to Dr. H. Stahnke who identified it as Vejovis wupatkiensis, a non lethal species recorded hitherto only in Wupatki and Death Valley National Monuments. Steen furnished the staff at Tumacacori with information about excavations of a mescal pit there and King attempted to obtain information for Walnut Canyon concerning the so-called "Sun Symbol" formations in the monument.

Cooperative Activities

Letters of introduction were furnished Miss Bertha Dutton of the Museum of New Mexico for her reconnaissance trip to make arrangements for the annual girl scout tour.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Indian Ruins
Santa Fe, New Mexico

July 15, 1960

Superintendent
Chaco Canyon National Monument, Indian Ruins.

The following is the activity report for the performance of the Southwestern National Monuments for June 1960.

Staff Activities, General

Personnel Chis. C. Vlay was in the office the whole month except for a personal trip to Berkeley June 21 and 22 and a day off July to Chaco. Mrs Gaines, Miss Co and Miss I is have a full period a temporary clerk-typist work in Tucson and Tombstone June 27 - 30, inspecting the backlog of the work in the office.

Interpretive Administration

Ely read proof on the 8-Vol Series on Southwest Indian and supplied data on maps for Informational Leaflets for Tonto and Chaco and Ruins. Ely serve in capacity of commission at Lincoln, Nebraska and Tucson, Arizona, for Lecture, Demonstrating which requires the supplies of Informational Literature. He prepared a justification for Interpretive Staff for fiscal year 1962.

Programs of Public Place and Contacts

Chaco conducted the inspection of a display board based the Navajo Nation.

Research and Conservation

A surprise meet in by the excavations of Chaco Canyon was discovered by Mr. Jackson who identified it as Tajique Polychrome, a red ware pottery previous artifacts only in Quarai and Pecos Valley Pueblo. Chaco provided the staff of Tumacacori with information about preservation of a mount pit there and Clay attempted to obtain information for Tonto Monument concerning the so-called "Pima Mound" information in the Chaco.

Interpretive Activities

Lectures of interpretive nature furnished Pima Branch Junior of the Summer at the Museum for her presentations with an hour advancement for the second list about that.

Other letters attempted to obtain a Service speaker from some southern Arizona monument for the program of the Cactus and Succulent Society of America, meeting in Phoenix.

Attendance at the Tourist Host School in Clayton was very meager, again reminding us that these schools must be organized differently in the future before the Service time can be alloted to such endeavors.

Loan Library

Accessions total 108, including 9 books, 55 reports, and 44 periodicals. There were no books important enough to be listed by title.

Southwestern Monuments Association

A new mail book list and a letter describing the organization were prepared and printed. A total of 3,068 envelopes were stuffed and at the end of the month were ready to mail to new names and to the 1,125 persons on the live list. King took the Montezuma Well booklet to the printer and made definite arrangements to purchase seven excellent photographs from Marvin H. Frost of Tucson for improved illustrations in the third edition of "Poisonous Dwellers of the Desert".

Treasurer Vedder left for a vacation of a month June 24 and King made the bank deposit June 30 for the end of the fiscal year.

Although data have not been assembled for the annual report, preliminary figures show that the association again established a satisfactory increase in volume this fiscal year.

Ruins Stabilization

Steen met Mr. R. J. Gettens of the Fogg Museum of Art in Tucson June 10 and Mr. Gettens made a study of the mural decorations at Tumacacori and submitted a report on corrective measures which can be taken to preserve the paint. Steen spent sometime on PCP's including ones for the University ruins to be acquired when the land exchange at Chaco Canyon is consummated. He obtained samples of fungicide to preserve the Chaco mattings which are showing traces of mold.

It was decided to paint, at a cost of approximately $1000.00, the roof over Casa Grande.

King had some correspondence with several superintendents regarding the experimental seeding of grama grass to provide sod in and around prehistoric structures and regarding the use of soil sterilizer on wall tops and in rooms at Aztec Ruins.

Aid to Administrators

King prepared the condensed report for May for Southwestern National Monuments.

Projects for July

King will be in the office a whole month on routine matters.

Steen will go to Canyon de Chelly July 15 for about two months. He will excavate a small eroding site "Place Where the Water Comes Out" and do small stabilization jobs on White House, Antelope House, and Mummy Cave. He will survey general stabilization needs [illegible] canyon.

(SIGNED)

Dale S. King
Naturalist

Approved for Distribution

(SIGNED) July 14 1949.
Regional Director

cc: Mr. Davis (2)
cc: Mr. Dodge (2)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT
MOAB, UTAH

July 1, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows the Narrative Report of activities in Arches National Monument for the month of June, 1949.

WEATHER: Rain fell on May 28, June 3, & 25, and enough precipitation was received to keep the spring ground cover very green, inspite of many days of high and dry winds.

TRAVEL: With 2473 visitors in 931 cars our travel records SHOW an increase of 76% over the same period last year and a 67% increase over the 1948 Fiscal Year. This heavy travel is mainly due to the improvement of our road system and the excellent advertising received from National Magazines and the State of Utah.

INTERPRETIVE SERVICE: Contact time amounted to 87 hours in which 1079 visitors received information about the area. Eleven guided trips were made by Ranger Worthington with a total attendance of 54 people. Twelve letters of inquiry were answered.

SPECIAL ACTIVITIES: On June 12 the American Legion, Utah State District No. 5, held a convention in the Devil's Garden. Ranger Worthington did an excellent job and received two written and many verbal compliments on his management of the parking and comfort for the 200 people who attended the convention.

OUTSIDE ACTIVITIES: At the annual election of officers of the Moab Lion's Club, Ranger Worthington was elected secretary of the club.

NPS VISITORS: J ohn Davis arrived on the evening of June 14 and spent all of June 15 in the area going over current problems ie., roads, saddle and pack stock concession, quarters improvement, etc. We certainly appreciate the results of his short visit here. Ranger Worthington and family will soon be able to discard the No 3 tub.

INSPECTIONS: One trip to Natural Bridges was made on June 8 & 9. The tent house quarters was found to be in bad shape, many holes showing through the canvass. We hope to correct this situation before the summer rains start.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ARIZONA NATIONAL MONUMENTS
SAN ITAN

July 2, 1949

MEMORANDUM for the Regional Director, Region Five.

There follows the Narrative Report of activities in Arizona National Monument for the month of June, 1949.

WEATHER: Rain fell on May 28, June 5, & 22, the overall precipitation was received to keep the spring ground water very green, despite of many days of high and dry winds.

TRAFFIC: With 2479 visitors in 491 cars our travel records show an increase of 78% over the same period last year and a 12% increase over the 1948 fiscal year. This heavy travel is mainly due to the improvement of our road system and the excellent advertising received from national magazines and the News of Tucson.

INTERPRETIVE SERVICE: Contact time amounted to 37 hours in which 1079 visitors received information about the area. Eleven guided trips were made by Ranger Terwilliger with a total attendance of 32 people. Twelve letters of inquiry were answered.

SPECIAL ACTIVITIES: On June 12 the Junior Legion, Oak Creek District No. 3, held a conservation in the Devil's Garden. Ranger Terwilliger did an excellent job and received the writer and many verbal compliments on his management of the parking and conduct for the 500 people who attended the convention.

OTHER ACTIVITIES: At the annual election of officers of the Oak Leaf's Club, Ranger Terwilliger was elected secretary of the club.

NEW VISITORS: I am happy arrived on the evening of June 14 and spent all of June 15 in the area going over current problems in, trails, radio and road stock accounts, property improvement, etc. We certainly appreciate the results of his short visit here. Ranger Terwilliger and family will soon be able to discard the 'a' tab.

INSPECTION: The trip to Tumacacori Pictos was made on June 1 & 2. The rock faces were found to be in bad shape, many holes showing throughout the area. We hope to correct this situation before the summer rains.

PUBLICITY: The Monument and it's Arches have been featured in one magazine and a poster this month. The Double Arch occupied the whole cover of Amerika Illustrated, published for distribution in the Soviet Union, by the State Department. Fisher Beer put out a poster reading "Utah, Renowned for Arches National Monument".

CONCESSIONS: Mr. Ross Musselman, of the 4M Dude Ranch at Monticello has made application for the Pack and saddle stock concession in the monument.

ROADS: The roads in the monument are in much better shape than the entrance road State Highway #93, however we could use a little moisture for blading right now. Maintenanceman Wilbourn spent 10 days spreading shale on the sandy stretches of the road and loaded one State Highway truck for one day with shale for the very rough and sandy places on the entrance road.

MAINTENANCE: The concrete floor of the back porch to be added to the trailer house was poured and water and drain lines set. Due to the heavy travel, the cleanup job put in the monument has turned into a major project.

Bates E. Wilson
Bates E. Wilson,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 June 1949

MEMORANDUM for the Regional Director.

There follows the report of activities in Aztec Ruins for June 1949.

WEATHER: Cloudy and quite wet for this season of the year with nearly 2 inches of rainfall. The tourists have not been deterred, but have been coming in ever increasing numbers.

INSPECTIONS. John Davis and Carl Alleman from the Regional Office were in on the 15th to inspect the new residence and the removal of the old one, which latter job is slowly progressing. Plans for landscaping the area after removal of the old residence have been completed.

MAINTENANCE. A large portion of the great kiva roof was recovered with roofing paper as were other rooms in the ruins area.

The county agent's office was contacted regarding the weed removal problem of this area with the result that a considerable amount will be required to cover the cost of control. The area considered included the ruins walls and the first and second story floors which are soil covered and allow the growth of a heavy weed crop. This year's unusual wet Spring has considerably aided this growth,

INTERPRETIVE SERVICES. There were 2096 visitors in 313 groups shown the museum and 1720 of those were taken on guided trips in 224 groups thru the ruins.

INCREASE IN TRAVEL. This June we have had a 29% increase in travel over June 1948 which was itself 63% over June 1947. There were 2,096 visitors in 647 cars from 41 states, Wash. D.C. Canada and France.

VISITORS: Dr. and Mrs. Paul J. Larsen, Director of Sandia and Asso. Director Los Alamos were in on 26 May. Dr. and Mrs. Edgar Johnwick, Senior Medical Officer in Charge Medical Center, Hot Sprigs, Arkansas visited June 20. Miss. Bertha Dutton visited for a few minutes 22 June to leave her Girl Scout itinerary for coming visits this summer.

Irving D. Townsend,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

June 24, 1949.

Memorandum for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of June, 1949.

Weather.

An abnormal amount of rain was received during the month with 2.38 inches of moisture as compared with an average 1.14. Thunderstorms occurred on twelve days of the month and the rainfall has made the vegetation unusually green for this time of the year.

Temperatures ranged from 37 on the 12th to 95 on the 16th.

Special Activities.

A meeting was held with a representative of the Atomic Energy Commission concerning directional signs to be located in the Otowi section of the monument. The signs will be constructed by the A. E. C. and placed at approved locations and are for the purpose of directing trucks and workers to the new Los Alamos technical area and White Rock Camp.

Complaints.

Verbal complaints were received from several out-of-state visitors concerning the road signs at the Pojaque junction of highways 4 and 64. Locally the Monument is known as Frijoles Canyon, and state highway signs are so designed, but out-of-state visitors look for signs saying Bandelier. The matter has been taken up with the New Mexico Tourist Bureau and the State Highway Department for correction. We have recommended that the wording Bandelier National Monument (Frijoles Canyon). be used on all directional signs.

Maintenance.

The maintenance man and operator general made a trip to Lake Texoma on the 20th to pick up property that is being

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

transferred to other areas. The stake truck broke down en route and delayed the transportation of some of the material.

The bathroom in residence 4 was repainted and several leaks were patched in roofs on the lodge buildings and residences. The leaks occurred in buildings that have not had new roofs since they were constructed.

Approach Road and Trails.

Work was continued during the month by the contractor on the construction of five miles of the approach road. By the end of the month the final asphalt mat had been completed on approximately three miles.

The operator general was able to grade the road after some of the rains and it is now in the best condition that it has been in for some time. The improved drainage contributes markedly to keeping the road from getting soft in wet weather.

Bad spots in the trail to Upper Crossing were improved and some work was done on the trail to the Rio Grande.

Concessioner.

Business at Frijoles Canyon Lodge was generally poor for the month in spite of the increased travel. More people are camping out and cooking their own meals this year than during the past few years. This seems to be a general trend in the Santa Fe vicinity according to reports by the Chamber of Commerce and the New Mexico Tourist Bureau. The Lodge had 248 lodgings as compared with 394 during June 1948.

Cooperating Non-Government Agencies.

The archeological field school from Adams State College, Alamosa, Colorado moved in to the campground on the 21st for an eight weeks session. Work was started on continuing the excavation of Rainbowo House and preparations were made for surveying additional ruins on the Ramon Vigil Grant.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

transferred to other areas. The Alamo Group, which came to camp and delayed the transportation of much of the material.

The beginning in October a new beginning for General Camp was placed in run on the Judge Lakeman and preliminary. The camp provided in building also have and the work crews camp were established.

General food and trails.

Work was continued during the month in the construction of trail at Stage of the Frijoles trail. At the end of the month the Trail Crews had been working on constructing three miles.

The superior general was able to grade the road leading from the Valle and to fix the road condition leading to the Lodge in the same time. The Superior Building continued generally to install the road from getting with by-pass machine.

Bat guano in the trail to upper Cerro de Jemez and some work was done on the trail to the Cerro.

Supplies.

Shortage of trucks during the month was particular poor for the needs in spite of the Lumberman Tunnel. Some people are carrying and hauling water was about five miles during the dry period. This among is the a general work in the trails in relatively measures to provide on the Cerro of Tunnel and the Lake Jemez Tunnel. The helps and the Lodge is supposed with the during June 1942.

Conservation Work - General Activities.

The archeologist Edwin Kosmer from Cerro Grande Lodge, Alamos, Minnesota worked in the Frijoles on the 21st for a week-end session. Work was started on completing the excavation of Tejemene House and preparations were made for surveying additional ruins in the Upper Frijoles.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Interpretive Service.

A total of 168 trips were conducted through the ruins that w were attended by 3259 visitors as compared with 166 trips and 2513 visitors last year.

There were 14 evening talks given in the museum lobby to 318 visitors. They were well received and consisted talks not only on Bandelier but on southwestern indians and their customs.

Travel.

All previous travel records for a single day and month were broken during June. The previous large t day was May 22nd of this year with 708 visitors but on June 26th there were 850 visitors c checked in. The total for the month was 6121 as compared with 5284 for June of last year and 5361 for August 1948 which the previous largest month. This is a 15.8% increase over last year.

The campground continues to be overcrowded on week ends with picnickers doubling up on available space. At one time on the 26th there were 75 cars in the 50 campsites. It was necessary to restrict late visitors and not allow them in to the campground until others had left.

Visitors.

The members of the Southwest Field Committee met in Santa Fe on June 2 and 3 and visited Bandelier on the 4th. Those in the group were M. R. Tillotson, Regional Director, Region Three, National Park Service; Eric Gaspery, Indian Service; John Gallin, Fish and Wildlife Service; Frank Twitchell, Geological Survey; Foster Morrell, Geological Survey; Donald Burnett, Bureau of Reclamation; Leon Dupuy, Bureau of Mines; C. L. Forsling, Chairman of the Committee; and Irving Fox, Staff Assistant.

Forty two members of the Geological Society of Minnesota visited the area on June 20. They were given a specially conducted tour and spent the night at Frijoles Canyon Loadg.

Mrs. Erna Fergusson, noted writer from Albuquerque, New Mexico, visited the area to gather information for a new book that she is writing.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Interpretive Service.

A total of 168 talks were presented through the year with a new attendance of 3,297 visitors as compared with 168 talks and 3,112 visitors last year.

There were 15 evening talks given in the museum lobby to 314 visitors. They were well received and included talks by park personnel and on archaeology lectures and 3-min. movies.

Travel.

The previous travel records for a single day and month were broken during June. The previous largest day was the 22nd of June with 704 visitors but on June 26th there were 825 visitors a increase of 17%. The total for the month was 4,113 as compared with 3,285 for June of last year and 2,811 during 1947 which was previous largest month. This is a 31.5% increase over last year.

The management estimates is be necessary to move some old visitation facilities up on available mesa. At the time the 1947 figures were 71 more in the 20 counties. In the meantime to restrict late visitors and not allow them to be the unexpected great volume that left.

Visitors.

The sections of the Museum Field Investigations was in lobby for two 2 and 3 week periods during the 1948. Those in the group were M. E. Fletcher, Regional director, Miles Ivey, National Park Service Ruins, Dallas Lawrence, Ruins Building Fund and Elizabeth Darling Stone Technicians, Southwest Monuments Service, Geologist Harry Bennett Bennett, Bureau of Reclamation; Lane Ridge, Bureau of Reclamation, Chief Bureau of the Smithsonian and Irving Tom, Staff Laboratory.

Early the morning of the Regional Director of Interpretation visited the area on June 30. Time was given a visitation from Regional Director and Regional the Right-of-Way Engineer Area.

Mrs. Irma Fergusson, wife of Erna Fergusson, the Author, visited the area to obtain information for a book that she is writing.

UNITED STATES
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NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

Ranger Service.

The seasonal ranger staff composed of S. J. Thomas, Santa Fe, New Mexico; Jack Turney, Alamosa, Colorado; and Gilbert R. Wenger, Denver, Colorado, were on duty most of the month. Two in-service training meetings were held for these men to give them information on Bandelier features, Park Service policies and organization, and conduct toward visitors.

Forest Fire Protection.

A fire control training school was held on June 7 and 8 with Regional Forester Carlson in attendance. The training was given to all personnel, wives, and concession employees. It consisted of forest control, building fire control, safety, and first aid.

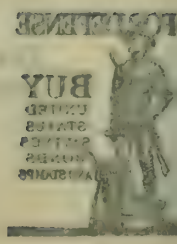
Insect and Tree Disease.

Two sprayings with DDT were made in the campground area to prevent the start of tent caterpillars. By the end of the month only one tent had been found in the headquarters area so the spraying seem to be having a good effect.

Some defoliation is taking place on the box elders by an insect. that appears to be the pine butterfly but only the box elders have been attacked. Specimens of the insect have been sent in for identification. The sprayings reduced the damage but did not entirely eliminate this pest.

Fred W. Binnewies
Fred W. Binnewies,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO



Canyon de Chelly National Monument
Chinle, Arizona

June 26, 1949

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of June, 1949.

General

It was with a great deal of regret that we received Regional Director Tillotson's message that weather conditions would not permit the proposed visit of Director Drury, Mrs. Drury, and their son. We hope that the weather man will treat us a little better next time.

Weather Conditions

This month has been much cooler tan usual with maximum temperatures averaging in the middle eighties. The canyon streams, usually dry by June 10, have continued to run until the 26th. This has been due to more moisture than is usual for this period. Our high Maximum was 95 degrees and the low minimum was 39 degrees. A total of 1.13 inches of rainfall was measured at headquarters.

Administration

As usual for this month, all of the work connected with finishing up the Fiscal year with resulting correspondence, reports, etc. One trip was made to Gallup, N. M. to pick up the chain hoist which was left there and to purchase supplies and equipment.

Maintenance

Much of our time, when travel would allow, was spent in needed maintenance work. Roofing repairs were completed, Cleaning of weeds and general straightening of camping and headquarters area. laying of flagstone and general care of equipment. Roads bladed from Garcia's store to White house.

Soil and Moisture

Along with general maintenance the soil and moisture project was completed wit repair to the revetment, and the digging and planting of some 7,000 common and peachleaf willow cuttings, and the construction of barbed wire barriers to keep the stock out of our protected areas. The insects were killing the new shoots from the willow post cuttings planted last Fall, so these were sprayed and I believe that we saved most of them.

Corps de Étaly Aérienne Forward
Étaly, Arizona

June 27, 1949

Superior for the Regional Director, Region Three.

The following is a report of activities at Corps de Étaly Aérienne Forward during the month of June, 1949.

General

It was with a great deal of regret that we received Regional Director Gillespie's message that weather conditions would not permit the proposed visit of Director Perry, Inc. Perry, and their one. We hope that the weather man will treat us a little better next time.

Weather Conditions

This month has been much easier on us than with previous temperatures averaging in the middle eighties. The mayor whenever, really let up on June 30, have continued in run until the 24th. This has been one of very pleasant than is usual for this period. Our high readings was 91 degrees and the low minimum was 51 degrees. A total of 1.43 inches of rainfall was measured at headquarters.

Administration

As usual for this month, all of the work concerned with training of the final year with resulting correspondence, reports, etc. The trip was made to Étaly, D. C. to pick up the state tables which was left there and to purchase supplies and equipment.

Maintenance

Much of our time, when travel work allows, was spent on maintenance work. Roofing repairs were completed, [illegible] and general scheduling of repairs and inspections. [illegible] Flagpoles and general area of equipment. [illegible] stars to white lines.

Soil and Moisture

Along with general maintenance the soil and moisture project was completed with regard to the measurement, and the digging and planting of some 7,000 cottons and peanuts which totaling, and the construction of barrels who survives to keep the stock and of the protected areas. The insects were killing the new shrubs from the spring post erosion planted last fall, so these were sprayed and I believe that we saved most of them.

Insect Infestation

The Cottonwood leaf beetle has reached such damaging proportions that unless we can get a heavy sprayer before Fall most of the trees will be killed. We have sprayed around headquarters with the material on hand but the infestation has reached fifteen or twenty miles up both canyons, and all thru the numerous other canyons and plantings under the supervision of the Indian service. To add to the damage, a grasshopper plague is also damaging navajo crops all over the area. Or spraying with arsenate of lead has seemed effective in keeping damage of our plantings at a minimum.

Travel

Travel shows an increase over last year with the Fiscal year to date showing the heaviest year to date. 2,460 visitors.

Visitors

Visitors this month included Rev. Joseph S Laughran, whose father, a lieutenant under Col. Kit Carson lead the advance guard, Company H, 1st New Mexico Volunteers, into the canyon during the Navajo Campaign in 1864.

Service to the Public

Of the 306 visitors tis month, 290 received interpretive services. There were 55 headquarters contacts and ten conducted tours. A total of 46 hours was spent in visitor contacts.

Govt. Publications on hand

Two-fold leaflets..CDC.....7,000.

Meredith M. Guillet
Superintendent

Insect Infestation

The determined fact lately has resulted such insecticide preparations that unless we can get a heavy dropper before fall half of the crop will be killed. We have applied around Independence with the material on hand but the infestation has reached fifteen or twenty miles by two anyone, and all thru the reserve other anyone and planting made the supervision of the Indian service. In all in the county, a grasshopper plague is also damaging crops all over the area. I supplied with arsenic of lead has proved effective in helpful dusts if no planting at a minimum.

Travel

Travel shows an increase over last year with the final year to date showing the heaviest year to date. 7,000 visitors.

Visitors

Visitors this month included Mr. Joseph P. Lawrence, Miss Lainer, a lieutenant under Col. Sir Cowan land the arrows guard, Congress, let Mr Senior Volunteers, into the region during the month beginning in 1904.

Service to the Public

Of the 300 visitors the month, 200 received interpretive services. There were 50 laboratory analyses and two examined waves. A total of 40 hours was spent in visitor contacts.

Cost. Maintenance on hand

Two-foot leaflets.....7,000.

Warren E. Millet
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~COOLIDGE, ARIZONA~~
Capulin, New Mexico
June 25, 1949

MEMORANDUM for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico

There follows the narrative report for Capulin Mountain National Monument for the month of June, 1949:

Visitors: There have been about 3,000 visitors to Capulin Mountain National Monument during the month of June, making a total of twelve thousand three hundred for the travel year and thirty two thousand one hundred visitors for the fiscal year.

Weather: There have been eighteen days of rainy weather during the month of June, and a total of over five inches precipitation. An unusually wet season for this area.

Flora and Fauna: The wild flowers, bluebells, lupines, Indian paint brushes, sweet peas, and all the fruit bearing shrubs are in full bloom. The trees bearing the pinon nuts have a good crop this year, but following the usual pattern, are nearly all blighted. Deer and other wildlife in the Monument area are faring fine, and are not being molested.

Roads and Trails: Roads and trails in the area have been washed out considerably during the month, but with the exception of a couple of days, have been kept filled and smoothed.

Information Pamphlets : About one thousand information pamphlets have been distributed during June. Have about 14,200 now on hand.

Special Visitors: Dr. Nusbaum and party from Highlands University accompanied by several Raton visitors were out to the Monument on June 15, and Mr. John M. Davis, Assistant Regional Director was our very welcome guest on June 19, at which time we discussed several very interesting subjects pertaining to the Monument area.

Very respectfully,

Homer J. Farr
Ranger

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

b

June 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for June 1949:

General: It has been a little warm this month but we really have nothing to complain about yet. The cotton crop appears to be doing good and hopes are high for a bumper crop. With the arrival of the cotton choppers the annual hunting season has officially opened with 4 killings in the Coolidge vicinity during the last month. Boys will be boys.

Weather: The unusual weather of last winter is apparently carrying over into this summer. We have had a few rather humid hot days but all in all this has been a very comfortable June. The maximum was 112 with a low maximum of 89 and a minimum of 50. We received .54 inches of rain on the 17th and this was really a welcome sight.

Visitors: June 1949 - 1,785: June 1948 - 1,944: Travel year to date 1949 - 26,947: Travel year to date 1948 - 32,154. The travel for this month shows a drop of 159 visitors from June of last year.

Interpretive Service: Of the 1,785 visitors to the area, 1,074 made the trip to the ruins in 138 groups averaging 50.6 minutes per trip. 711 people were here for a quick look but did not go through the ruins.

N.P.S. Visitors and Visitors of Note:

June 11 - Dr. Eric K. Reed, Region Three Archeologist

June 12 - Mr. Ratcliff of the Region Three Office was in for a short visit.

June 17 - Charlie Steen and Collaborator Githings.

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NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

June 20, 1955.

Superintendent
Petrified Forest National Monument,
Holbrook, Ariz.

Dear Fellow Sub-superintendent:

Here follows the attendance report for June through Saturday, June 18, 1955:

Saturday: It has been a little warm this week, but we haven't had anything to complain about yet. The rattlesnake population seems to be doing good and there are quite a number around. This has caused some of the visitors concern the usual trading session for rattlesnake venom was opened with a fifteen to one favorable vote during the last month. Says will be here.

Sunday: The usual weather is just getting to be unbearable, everything over 100 this month. We have had a few visitors during the day and all in all this has been a very uneventful day. The Monument has 112 with a low temperature of 70 and a maximum of 94. We received the lowest of rain so far this year, only enough to settle the dust.

Visitors: June 1955 - 1,782; June 1954 - 2,225. Total year to date 1955 - 23,907; Total year to date 1954 - 22,316. The total for this month shows a drop of 443 visitors from last year.

Attendance patterns: At the 1,782 visitors in the month, 1,272 have the trail guide which is not part of the regular fee, 510 entered per car. 112 people were here for a plane landing or are at least through the month.

S.P.C. Visitors and Visitors at Lodge:

June 18, 1955 - 80; 1,[illegible], Indian Group Reservation

June 19 - 80; Majority of the Indian Group Office was in for a short visit.

June 17 - Mostly Navajo and Indian Visitors.

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NATIONAL PARK SERVICE

Administration and Protection: The Adamsville site was checked for vandalism. Three requests for information were answered. Much time has been devoted to preparing the inventory and it is now practically completed.

Maintenance: The repair work and painting on quarters 5-5 is now finished and these quarters are now in good shape. The sewer line from the rest rooms to the main was cleaned and is now in good condition. The borrow pits along the entrance road were cleaned and graded.

Personnel: Maintenanceman Barnett resigned at the close of business on June 13. Mr. Barnettplans on working in California. We will miss Mr. Barnetts services here as he has been a good worker and has had exceptional talent for the type of work required here.

Leaves Taken: Maintenanceman Barnett took 15 hours sick leave and 8 hours annual leave during the period covered by this report.

Nature Notes: Three of the night blooming cereus plants were in bloom during the night of the 24th. For some time we have been keeping tab on a nest of young sparrow hawks located in the giant cactus along the trail to the ruins. On the morning of June 14, one of the young birds was found caught in one of the chella cactus. Apparently the bird had made themistake of alighting in the cactus and was impaled on the spines. The bird was released but was injured to the extent that ~~it~~ he was unable to fly. Ranger Arnberger took the bird home and nursed it back to health on raw meat and milk from an eyedropper. This is the first time we ever heard of baby birds nursing but this one certainly did.

A.T. Bicknell,
Superintendent.

Administration and Protection: The Adamsville site was checked for vandalism. Those reports for information were answered. Much time has been devoted to preparing the inventory and it is now practically completed.

Maintenance: The repair work and painting on quarters B-5 is now finished and these quarters are now in good order. The sewer line from the rest rooms to the main was cleaned and is now in good condition. The barrow pits along the entrance road were cleaned and graded.

Personnel: Maintenanceman Barnett resigned at the close of business on June 14. Mr. Barnetplane on working in Baltimore. He will miss Mr. Barnette services here as he has been a good worker and has had exceptional talent for the type of work required here.

Leave Taken: Maintenanceman Barnett took 14 hours sick leave and 3 hours annual leave during the period covered by this report.

Future Plans: Since of the night blooming cereus plants were in bloom during the night of the 26th. For some time we have been keeping tab on a nest of young quarrow birds located in the plant section along the trail to the rocks. On the morning of June 14, one of the young birds was found caught in one of the cobble cactus. Apparently the bird had made therefore of alighting in the cactus and was trapped on the spines. The bird was released but was injured to the extent that he is now unable to fly. Ranger Lindmyer took the bird home and nursed it back to health on raw meat and milk from an eyedropper. This is the first time we ever heard of any bird nesting but this was certainly did.

G.F. Stewart,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

June 28, 1949

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of June, 1949.

There were 304 visitors this month who came in 106 automobiles from the states of:- Alabama - 1 car, 4 visitors; California - 6 cars, 17 visitors; Colorado - 7 cars, 22 visitors; Illinois - 3 cars, [illegible] visitors; Indiana - 1 car, 5 visitors; Iowa - 1 car, 2 visitors; Massachusetts - 3 cars, 6 visitors; Minnesota - 1 car, 4 visitors; Missouri - 2 cars, 7 visitors; Nevada - 1 car, 2 visitors; New Mexico - 63 cars, 189 visitors; New York - 7 cars 14 visitors; Ohio - 2 cars, 8 visitors; Oklahoma - 1 car, 1 visitor; Texas - 3 cars, 9 visitors; Utah - 2 cars, 5 visitors and Washington - 2 cars, 9 visitors. There were 71% more automobiles and 38% more visitors than a year ago, and there were 34% more automobiles and 15% more visitors during the 1949 fiscal year as compared to the 1948 fiscal year. These people formed 71 ruins trips with all 304 of them visiting the ruins, and 62 museum parties consisting of 247 visitors. Ranger Matthews spent 85 hours and 10 minutes with them and the superintendent spent 45 hours and 15 minutes.

The warmest this month was 94 degrees Fahrenheit on June 16, and the coolest was 34 degrees on the 2nd. It rained 6 times for a total precipitation of .64 of an inch.

The approach roads have been dry most of the month, and so have remained passable, but rough. The Monument roads are in good shape.

National Park Service visitors included Carl Alleman, [illegible] H. Com[illegible] and John Davis from the Regional Office.

This month was filled for the most part, other than guiding visitors, with routine jobs accomplished.

Both light plants broke down this month. One has been repaired and is in operation.

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NATIONAL PARK SERVICE

Our most faithful Indian took off for the railroad where he is working as a section hand for higher wages than we can afford.

The concessioner, Mr. Glenn Whiteman, has decided to move out of the Monument and is making plans to do so.

Projects for the ensuing month:- hope for a continued increase in visitors. haul into the Monument and plant the two tons of seeds which were contracted for this month and install the refrigerator which should arrive any day.

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT
Bloomfield, New Mexico
June 27, 1949

19

MEMORANDUM for the Superintendent
Chaco Canyon National Monument.

Following is the report of Mobile Unit activities in your area during June, 1949.

At the end of the last report period we were stabilizing our combination office and shop. Shortage of funds prevented full completion of the work - no glass in the new steel sash, replacement of broken glass, hanging of a new door - but with the replastering and painting done it is a much better place in which to work.

Most of this period has been spent completing the excavation started several years ago on the site of the old CCC camp. Ray Rixey and I have been taking turns on the excavation and alternately revising his Walnut Canyon paper.

The excavations have disclosed two very interesting kiva forms but nothing in the way of material culture. Both the kivas were used in conjunction with a small nine room site - transitional PI/PII ,and appear at this writing anyway to have been occupied contemporaneously. One looks like an early Chaco type, 11 feet deep, high narrow bench, sub-floor ventilator etc. The other tends toward the San Juan style: four heavy pilasters, raised masonry deflector and ventilator shaft opening directly in the bench face.

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NATIONAL PARK SERVICE

NATIONAL MONUMENT

Chaco Canyon
Blanchfield, New Mexico
June 27, 1949

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Superintendent for the Superintendent
Chaco Canyon National Monument.

Following is the report of Cecile Hart activities in your area during June, 1949.

At the end of the last report period we were stabilizing our residential office and shop. Shortage of funds prevented full completion of the work - no glass in the new steel sash, replacement of broken glass, hanging of a new door - but with the replastering and painting done it is a much better place in which to work.

Most of this period has been spent completing the excavation started several years ago on the site of the old Hill camp. Mr Kluckhohn and I have been taking turns on the excavation and alternately writing his Chaco paper.

The excavations have disclosed two very interesting rims from but nothing in the way of material culture. Both the rims were used in conjunction with a small nine room site - Transitional (?)?? ,and appear as this writing anyway to have been occupied concurrently. One looks like an early Chaco type, it has deep, high narrow bowls, sub-flare ventilator rim. The other looks like a later Chaco style: four heavy pilasters, raised masonry defles and ventilator shaft opening directly in the bowl face.

With the excavation nearly completed we are currently making revised PCP sheets for the Monument's stabilization needs and with this out of the way both Ray and I will concentrate on the reports of both his Walnut Canyon work and the present excavation.

Gordon Vivian
Archeologist

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument,
Dos Cabezos, Arizona.

June 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for the month of June.

Weather. Our spring dry spell was broken on June 17th. To date there have been 2.94 inches of rainfall this month. Only one June of the nine others on record exceeded this. In 1940, June rainfall amounted to 3.31 inches. With several days to go we may be able to beat this record.

Special Activities. One June 20 and 21 the Superintendent made a trip to Silver City, New Mexico, to take part in the Conservation Workshop Program which is being conducted by the New Mexico State Teachers College and the Forest Service. A talk and discussions were followed by the showing of lantern slides and movies of the New Mexico areas.

Ranger Ringenbach made a trip to Organ Pipe Cactus to secure their gravel loader for use at Chiricahua for a month.

Inspections. Forester Ratcliff spent the forenoon of June 14 at Chiricahua on a fire protection inspection with the Superintendent.

General Publicity. The Arizona Daily Star of Tucson, and other newspapers published a very good article on Grandma Erickson's 95th birthday, May 24, in which the Wonderland of Rocks played an important part.

Maintenance. The emergency trail and road work is progressing very nicely, but some of the rock slides on the trails still remain to be moved. A gravel loader has been borrowed from Organ Pipe Cactus for a month, so it is hoped the bad spots of the road can be well regraveled.

Approaches to Monument. The dirt roads remain in about their usual rough condition. The oiling of State Highway 181 to the monument boundary seems to have increased travel to the monument some.

Interpretive Services. In addition to the Superintendent's forenoon at the New Mexico State Teachers College the following interpretive services were rendered: 2,055 visitors were contacted in the museum in 449 parties. One all day horseback trip was made with Western Ways photographers and story writers; one four hour hiking trip; two auto caravans; one 1/2 hour lecture to 91 Sunday School Conference visitors; about 75 visitors were

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Chiricahua National Monument,
Dos Cabezas, Arizona.

June 22, 1938

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua National Monument for the month of June.

Weather. Our spring dry spell was broken on June 17th. To date there has been 4.64 inches of rainfall this month. Only one June of the nine others on record exceeded this. In 1920, June rainfall amounted to 5.21 inches. With several days to go we may be able to beat this record.

Special Activities. On June 20 and 21 the superintendent made a trip to Silver City, New Mexico, to take part in the Conservation Workshop program which is being conducted by the New Mexico State Teachers College and the Forest Service. A talk and discussions were filmed by the director of Lantern slides and movies of the New Mexico areas.

Ranger Ringenbach made a trip to Cross Ties Camp to secure their travel loader for use at Chiricahua for a month.

Inspections. Forester Betelli spent the forenoon of June 14 at Chiricahua on a fire protection inspection with the Superintendent.

General Publicity. The Arizona Daily Star of Tucson, and other newspapers published a very good article on Jerome Brierley's 40th birthday, May 24, in which the monument of Rocky Pinnacle was important part.

Maintenance. The emergency brush and weed work is progressing very nicely, but some of the rock slides on the trails still remain to be moved. A travel loader has been borrowed from Cross Ties Camp for a month, so it is hoped the bad spots of the road can be well repaired.

Approaches to Monument. The dirt road recently in about their usual rough condition. The ability of state highway 181 to the monument boundary seems to have improved travel to the monument some.

Interpretive Services. In addition to the superintendent's forenoon at the New Mexico state Teachers College the following interpretive services were rendered: 2,000 visitors were contacted in the museum in 400 parties. One all day horseback trip was made with western boy photographers and story writers; one four hour hiking trip; two auto caravans; one 1/2 hour lecture to 91 Sunday School Conference visitors; about 75 visitors were

contacted and given interpretive service at Massai Point.

Concessions. No concessions for meals and lodging at Chiricahua, but the Silver Spur Ranch, that has been feeding monument visitors, has closed. We hope this will be for a short time only as we get inquiries for meals and lodging frequently.

Increase in Travel. Travel this month amounted to 2,235 with 201 extra visitor days. This exceeds May by 802 and June of last year by 864 or 63 %. We are now 1141 ahead of last travel year or 12%, and finished the fiscal year with 15,181, which is 1,265 ahead of the 1948 fiscal year.

Ranger Service. Richard Reynolds, from the University of Arizona, went to work at Chiricahua June 7 as the temporary ranger.

Forest Fire Protection. No fires on the monument since the last report. Recent rains have started the annuals to growing and have relieved the extremely dry conditions. The Superintendent spotted two fires for the Forest Service from the flat country west of the monument.

Clair V. Cooke

Clair V. Cooke,
Superintendent.

contacted and given interpretive service at Massai Point.

Concessions. No concessions for meals and lodging at Chiricahua, but the Silver Spur Ranch, that has been feeding monument visitors, has closed. So long this will be for a short time only as we get inquiries for meals and lodging frequently.

Increase in Travel. Travel this month amounted to 5,[illegible] with [illegible] visitor days. This exceeds May by 802 and June of last year by 886 or 8%. We are now 1141 ahead of last travel year or 1%, and finished the fiscal year with 15,181, which is 1,[illegible] ahead of the 1942 fiscal year.

Ranger Service. Richard Reynolds, from the University of Arizona, sent to work at Chiricahua June 7 as the temporary ranger.

Forest Fire Protection. No fires on the monument since the last report. Recent rains have started the annuals to growing and have relieved the extremely dry conditions. The Superintendent spotted two fires for the Forest Service from the flat country west of the monument.

Claire V. Cooke,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~El Morro~~ NATIONAL MONUMENT

~~El Morro, New Mexico~~

~~June 27~~, ~~49~~

MEMORANDUM for the Regional Director, Region Three

There follows the Monthly Narrative Report for El Morro National Monument covering the report period of June 1949.

Weather: The temperature ranged from a low of 30° to a high of 88° during this month with a bit more than average rain fall.

Inspections: Landscape Architect Carl Alleman, Region Three office, made his first visit to the area June 17. The master plan was checked and several changes were recommended pending intended land acquisition.

Publicity: Two talks were given, one in Gallup and one in Grants, New Mexico, in cooperation with the State Tourist Bureau. The talks were accompanied by slides of the NPS areas in New Mexico.

Approaches to Monument: A representative of the U.S. Bureau of Public Roads made an inspection of the Gallup-El Morro-Grants road and stated that the contract would be let in October for the grading, surfacing and new alignment of the existing road providing the state gasoline tax now in effect is deemed legal.

Cooperating Agencies: The local C.A.A. technician performed a minor miracle of repair to the El Morro radio and put us back on the air again.
Mr. Vidal, State Highway Commissioner of Gallup, New Mexico, has gratuitously offered three or four days use of the state grader and operator to improve the Monument road and parking lot.
The U.S. Weather Bureau, at our request, installed a new instrument shelter and rain gauge and moved the weather station to a more desirable location.

Interpretation and Visitation: The 597 visitors this month were conducted on 120 trips to the Inscriptions. The total visitation for the 1949 F.Y. is 2,690, which is 1,018 more than the 1948 F.Y..

Maintenance: Picnic tables were painted, entrance route signs and trail signs were painted and relettered, new juniper sign posts replaced the rotten pine posts in use, a road sign by the Ice Caves was replaced. The water system filtering tank was given a partial cleaning, sand and weeds were removed from the Inscription trail, the roof of residence No. 2 was altered and made waterproof, the short wave radio installation was made more compact and less of an eyesore and a new storage box for the radio batteries was constructed.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

El Morro, NewMexico

June 27, 1949

Monthly Narrative report, con.

A much needed vent for the toilet in the ranger cabin was installed and no longer allows sewage water to bubble back into the sinks and bathtub.

The outside woodwork of residence No. 2 and the office was given a coat of linseed oil and the bathroom in residence no. 2 was given three floor coats of Plasti-gleam (lasts 3 to 6 months).

The generator house was fitted with a door and the missing wall boards replaced, a small addition to the generator house was built to house the welding set and make its storage more safe. Some doors were fixed to open and close more easily, the garage was cleaned and items in it stored, boxed and labeled.

The Monuments supply of free printed matter was sorted, counted, bundled and wrapped to keep it clean and the library was inventoried.

Wildlife: Five rattlesnakes that have been haunting the Inscription trail and visitors were disposed of.

Several rabbits, mice and rock squirrels have been found that have died of unknown causes. It is planned to send the remains of one of these animals to the Public Health Service for examination when conditions are suitable to allow a speedy and non-odiferous delivery.

Utilities Service: The construction of the REA power line from Gallup serving this area, has been started and we have been told we may expect power by February 1950.

Personnel: Mr. Harmon Maxson entered on duty as seasonal ranger effective June 5. Mr. Maxson served at Chaco Canyon last year.

Mr. Marion Lambson was hired as laborer June 13. The addition of two men to the force has allowed us to get a number of projects completed this month.

The superintendent was given an honorary membership in the Gallup Chamber of Commerce.

John A. Aubuchon
Superintendent

Gran Quivira National Monument
Gran Quivira, New Mexico

June 25, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of June 1949.

General. Good rains during the month have helped the local crop prospects. The wheat looks better than usual and sunflowers and beans are doing well. If it will rain out the Fourth of July picnic there should be more prosperity hereabouts this fall.

Weather. Good rains and cool weather. A total of 1.52" of precipitation was recorded, the most for one day being .64 on May 21. Rain in varying amounts fell on 14 days of the report period.

Special Activities. On June 3 the superintendent accompanied Charlie Steen to Pueblo Colorado and Pueblo Blanco.

On June 14 and 15 Bertha Dutton of the Museum of New Mexico with Velma Whipple visited the area to make plans for the Girl Scouts summer tour. On July 14 the superintendent guided them to the Seco and Turkey Ridge ruins on the Chupadera.

A PCP for ruins excavation was submitted.

Maintenance. New roofing paper was placed on the garage. The "rustic" porch roof on the residence was covered with sheathing and roofing paper and now has practical as well as esthetic value.

One day was spent in repairing the sacristy door in the new mission.

All brush growing in and around the old mission was removed as well as that along the west wall of the new mission. This work greatly improves the appearance of the grounds. Considerable odd time was spent on the annual battle with the weeds, a project never quite completed.

Exterior woodwork on the exhibit building was given another coat of paint. The hardwater line which froze last winter was dug up and retamped and the drainage away from the pipe was improved.

Approaches to Monument. The Mountainair approach was graded twice this month and is in good condition. No work has been done on the Carrizozo approach, and it is rough and washed in spots.

[illegible]

[illegible]

[illegible]

Interpretive Service. 72 parties totaling 261 visitors were guided through the ruins. Average trip tim 50 minutes, total time 60 hours.

Museum Activities and Exhibits. Mr. Steen arrived on June 1 with two exhibit panels which were placed on June 2. This is a big boost for the exhibit room. Plans are for a sherd board and multiplex displays to be added when completed. Local people especially are impressed by the progress, more so, understandably, that visitors who have just seen White Sands or some other better developed museum.

A Kennesaw Mountain-type field desk was completed and will be placed as soon as the paint dries. The next project will be the drafting of a guide leaflet, and the placing of numbered stations to aid the unguided visitor. Incidentially the new field desk worked out very well with minor on-the-spot changes.

Increase in Travel. As indicated below there was a slight increase in travel over the same period last year. Rains no doubt discouraged many visitors. For example there was no one in on Sunday the 19th although Sundays usually average 30-50 visitors.

	CARS	VISITORS
June 1949	92	296
June 1948	85	266
Increase	7	30
Percent Increase	8.2%	11.3%
This Travel Year	480	1391
Last Travel Year	378	1116
Increase	102	275
Percent Increase	27.0%	24.6%

There were 2501 visitors for the fiscal year just ended compared with 2266 for last fiscal year, an increase of just over 10%.

Visitors. June 1-3 Charle Steen, Regional Office
June 5 Johnwill Faris, White Sands
Lillian Bagwell, Sect. Alamagordo Chamber of Commerce.
Lucille Alexander, Otero County Times, Alamagordo
R. L. Mayne, USWB Inspector, Fort Worth, Texas.
June 11 Erna Fergusson, Murder & Mystery in New Mexico, Albuquerque.

Wildlife. Although perhaps ornithologically incompatible, the stork visited the pair of Great Horned Owls on June 4. The twins are being reared in a vega hole in the mission. They are beginning to look like owls now, but upon arrival they resembled a Walt Disney interpretation of a ghost. The visitors enjoy seeing them.

William L. Bowen,
Superintendent.

Interpretive Service. On certain travelling ATI stations now guides circulate the rooms. Between July 1st 30 minutes, total time 27 hours.

Museum Activities and Exhibits. Mr. Jones arrived on June 1 with the exhibit panels which were placed as above. Also to a fly board for the exhibit room. Plans are for a short travel and multiplex display to be added when completed. Lists people especially are interested by the progress, more so, conservationists, since visitors who have just seen this guide or some other better developed museum.

A Museum Bookmobile-type flyer was now completed and will be placed as soon as the print dries. One card mailing with the drafting of a guide leaflet, and the listing of museum exhibits and the expected visitor. Instructability the new flyer motor and very well with motor co-operative theatre.

Visitors in Brief. An indicated value that more are a small increase in travel over the same period last year. Below is brief classified most visitors. For example there are no one is or county the 1951 attendance budget usually started 3-4 visitors.

June 1949	[illegible]	[illegible]
June 1948	[illegible]	[illegible]
Increase	[illegible]	[illegible]
Percent Increase	[illegible]	[illegible]
Site Travel Year	[illegible]	[illegible]
Last Travel Year	[illegible]	[illegible]
Increase	[illegible]	[illegible]
Percent Increase	[illegible]	[illegible]

There were 3001 visitors for the Travel year Jan. [illegible] with 2002 for last Travel year, an increase of [illegible].

Visitors. June 1-[illegible] Jungle Jungle, Imperial Office
June 2 Dramatic Party, Office Jungle
Utility Report, Dept. Administrative Assistant of Jungle.
Jungle Library, State Jungle Office, Commerce
J. L. Hoppe, Dept Investigator, Fort Worth, Texas
June 11 Bren Fernsman, Author & Artist in the Jungle.
Illustrator.

Utility. Although various instructional conservation, the Jungle visited the pair of Tiger Kenned this on Tree 6. The lions are being moved in a new lair in the Jungle. They are beginning to look like only two, but good artist they remained a full Bronze interpretation of a ghost. The visitors enjoy seeing them.

Hilton L. Jones,
Superintendent.

GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

June 26, 1949

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for June, 1949.

WEATHER. Spring ended and summer began with very windy weather. Many showers fell and several good rains.

The minimum of 36 degrees was registered on June 2. The maximum of 83 degrees was reached on June 22. The high minimum was 50 degrees on June 22; and the low maximum was 46 degrees on June 3.

A strong northeast wind blew on June 3,4 and 5, with snow flurries on June 4.

Rain well on May 28; June 3,6,7,8,9,10,11,12,13 and 19.

During this report period, there were 9 cloudy days; 13 partly cloudy and only 9 cloudy days. There were 13 days with very strong winds.

The Rio Grande River missed flooding the valley by one foot. The radio reported it to be ten feet high and when last seen at the bridge at Alamosa, it was bank to bank and about two feet below the levee.

The Medano is still flowing along the entire eastern edge of the dunes.

TRAVEL. Two thousand seven hundred eighty-two visitors in seven hundred four cars visited the Sand Dunes during this report period. Thirty-nine states were represented, as well as the District of Columbia, Canada and Venezula. Four written requests were answered.

One thousand seven hundred sixty-four people took advantage of the picnic areas and of these seventy-two camped over night.

INCREASE IN TRAVEL. For June, 1948, there were 476 cars and 1956 visitors. Eight hundred twenty-six more visitors are reported for June, 1949.

Travel for the fiscal year also shows a great increase: 1948 visitor days total 24,400; 1949 visitor days total 28,126.

[illegible]
[illegible]

June 26, 1949

[illegible] for the Regional Director,
Region Three.

There follows the report of activities in Grand Teton National Monument for June, 1949.

WEATHER. Spring ended and summer began with very windy weather. Many showers fell and several good rains.

The minimum of 28 degrees was registered on June 2. The maximum of 92 degrees was reached on June 22. The high minimum was 59 degrees on June 22; and the low maximum was 61 degrees on June 2.

A strong northeast wind blew on June 3,4 and 5, with some flurries on June 4.

Rain fell on May 28; June 3,4,5,7,8,9,10,11,12,13 and 19.

During this report period, there were 9 cloudy days; 11 partly cloudy and only 9 clear days. There were 12 days with very strong winds.

The Snake River raised flooding the valley by one foot. The radio reported it to be ten feet high and when last seen at the bridge at Alpine, it was back to bank and about two feet below the levee.

The Snake is still flowing along the entire western side of the dunes.

VISITORS. Two thousand seven hundred eighty-two visitors in seven hundred four cars visited the Grand Teton during this report period. Twenty-nine states were represented, as well as the District of Columbia, Canada and Venezuela. Four British tourists were observed.

One thousand seven hundred sixty-four people took advantage of the picnic areas and of these seventy-two camped over night.

INCREASE IN VISITORS. For June, 1948, there were 671 cars and 1800 visitors. Eight hundred twenty-six more visitors are reported for June, 1949.

Travel for the fiscal year also shows a great increase: 1949 visitor days total 2,[illegible] as against visitor days total 3[illegible].

CONTACT. Contact with visitors was done on Sundays, lieu days and week days as time and work permitted. There were 18 days of contact. Five hundred eighty cars were contacted with a total of two thousand three hundred thirty-six visitors. Average contact time per car amounted to ten minutes.

Total contact time: Sowers, 69 hrs., and 30 mins; Elliott, 27 hrs., and 10 mins.

The Memorial Day week-end brought in a total of five hundred sixty-three visitors who were contacted. Thirty-six campers were at the monument during this week-end.

RANGER SERVICE. Mr. Dean H. Elliott reported for temporary ranger duty on June 5. Mr. Elliott is a veteran and a student at the University of New Mexico.

NEWSWORTHY VISITORS. The Alamosa High School, Sophomore Class of 60 on a picnic outing - May 27. The University of Colorado, Biology Class of 22 who camped over night - May 28. The Cub Scout Group of Monte Vista with 55 in attendance had a picnic on June 22.

N.P.S. VISITORS. Ranger Glen Bean of Organ Pipe Cactus, paid a too short visit on June 8. Engineer Diehl of Region Three was here on June 13,14,15 and 16. Acting Regional Chief of Land and Recreational Planning, Kell of Region Three was here on June 15. Associate Regional Director Davis inspected this area on June 18.

ROADS. The State graded the approach road from Mosca to headquarters on May 28, June 11 and 25. The State has done much to put this road in better condition. However, at present writing, another section is torn up and is in poor shape. Ranchers have also neglected that they leave water from their ditches run over the road. Many complaints have been received on this part of the road.

MONUMENT ROADS. The monument road from entrance to headquarters is in excellent condition.

Engineer Diehl obtained a dragline and two trucks from the White Construction Co., of Alamosa, who were hired to haul gravel for the road from Mosca Pass picnic area down to the lower picnic area and also gravel the enlarged parking area there. Diehl hired a tractor-bulldozer from the Jones Construction Co., of Alamosa, who enlarged this parking area and then spread the gravel over the area.

Two hundred twenty-eight loads of gravel were hauled, which amounted to nine hundred twelve yards on both road and parking area.

CONTACT. Contact with visitors was good on Monday, Memorial Day and was days on time and were punctual. There were 13 days of contact. Five hundred eighty were contacted with a total of two thousand five hundred thirty-six visitors. Average contact time per day expected is ten minutes.

Total contact time: Hours, 52 hrs., and 30 mins; Elliott, 17 hrs., and 10 mins.

The Memorial Day week-end brought in a total of five hundred eighty-three visitors who were contacted. Thirty-six campers were at the monument during this week-end.

Bureau SERVICE. Mr. Dean R. Elliott reported for temporary range duty on June 5. Mr. Elliott is a veteran and a student at the University of New Mexico.

MEMORIAL VISITORS. The Alamosa High School, Sophomore Class of 50 on a picnic outing - May 27. The University of Colorado, Geology Class of 22 who camped over night - May 30. The Oak Lawn Group of Monte Vista with 50 in attendance had a picnic on June 20.

S.F.S. VISITORS. Ranger Glen Dean of Great Sand Dunes, paid a two short visits on June 6. Engineer Lloyd of Region Three was here on June 13,14,15 and 16. Acting Regional Chief of Land and Recreational Planning, Kell of Region Three was here on June 16. Assistant Regional Director Davis inspected this area on June 16.

ROADS. The State graded the approach road from Alamosa to Sand Dunes on May 26, June 11 and 23. The State has done much to put this road in better condition. However, at present writing, another section is torn up and is in poor shape. Sanitary have also indicated that they leave water from their ditches run over the road. Many complaints have been received on this part of the road.

PARKING AREA. The approach road from entrance to headquarters is in excellent condition.

Engineer Kell attached a dragline and two trucks from the Hoke Construction Co., of Alamosa, who were hired to level gravel for the road from Dunes Pass picnic area down to the lower picnic area and also gravel the enlarged parking area there. He did hire a tractor-bulldozer from the Jones Construction Co., of Alamosa, who enlarged the parking area and then spread the gravel over the area.

Two hundred twenty-eight loads of gravel were hauled, which amounted to nine hundred twelve yards on both road and parking area.

This work was done on June 13,14,15 and 16. The result was not as anticipated. The material contained too much sand, and when the allotted money was spent, the road and parking area were too soft to permit cars to drive down to the dunes.

When Mr. Davis inspected the area on June 18, conditions being what they were, more money was allotted to make the road passable. The Jones Construction Co., will do this job on June 27.

PICNIC PARKING AREA. The lower parking area was enlarged to 3/4 of an acre and then covered with gravel. Due to soft spots, it was closed to visitors. An attempt was made to pack this area by N.P.S. grader and loaded dump trucks. Little was accomplished and the jack shaft was snapped on the new Ford dump truck. This piece of equipment will be repaired as soon as parts can be obtained.

WATER SYSTEM. The tractor-bulldozer covered the exposed water line and in places, the line must be buried for twelve feet. It should never freeze, and now we hope it doesn't develop any serious leaks.

RANGER QUARTERS. The house trailer was finally removed from the parking area at headquarters and placed behind the checking station. It required the bulldozer to move it.

The trailer was opened up and temporary foundations hold it up. The sever wind on June 19, knocked down the side walls and nearly blew it away. Ranger Elliott's personal belongings were scattered here and yon. While putting back the side walls, it was noticed that the wood was badly rotted. With much work and money, the trailer can be made livable. At present writing, it isn't worth much.

LAND PROBLEMS. Mr. Kell went over land problems on June 15. He had previously spent days at the Saguache and Alamosa County Court Houses obtaining data.

Plans are being made for land appraisals on private holdings within the monument.

CONCESSION. The Saddle Horse Concession is doing moderately well and those who have rented horses from Mr. Graves, report a very enjoyable ride on gentle horses.

Mr. Graves is having trouble obtaining the proper insurance and correspondence carried on by this office and Mesa Verde reveal that Lloyds of London is the only company considering issuance of this insurance. It seems strange to us that no U.S. Insurance Co., would issue policies, they consider it too great a risk. Tsk! Tsk!

This work was done on June 12,13,14 and 15. The result was not as anticipated. The material contained too much sand, and when the allotted money was spent, the road and parking area were too soft to permit cars to drive down to the dunes.

When Mr. Davis inspected the area on June 16, considering what they were, were scarcely was allotted to make the road passable. The Jones Construction Co., will do this job on June 27.

FINAL PARKING AREA. The lower parking area was enlarged to 3/4 of an acre and then covered with gravel. Due to soft spots, it was closed to visitors. An attempt was made to pass this area by R.C.A. grader and loaded dump trucks. Little was accomplished and the back shaft was dropped on the new dump truck. This piece of equipment will be repaired as soon as parts can be obtained.

WATER SYSTEM. The tractor-bulldozer covered the exposed water line and in places, the line must be buried for twelve feet. It should never freeze, and now we hope it doesn't develop any serious leaks.

TRAILER PLACEMENT. The house trailer was finally removed from the parking area at headquarters and placed behind the checking station. It required the bulldozer to move it.

The trailer was opened up and temporary foundations built it up. The sewer wind on June 16, knocked down the side walls and nearly blew it away. Manager Milnett's personal belongings were scattered here and yon. While putting back the side walls, it was noticed that the wood was badly rotted. With much work and money, the trailer can be made livable. At present setting, it isn't worth much.

LAND CONDEMNATION. Mr. Hall went over land problems on June 16. He had privately spent days at the Sequoia and Alameda County Court House obtaining data.

Plans are being made for land appraisals on private holdings within the monument.

INSPECTION. The mobile horse concession is doing moderately well and those who have rented horses from Mr. Graves, report a very enjoyable ride on gentle horses.

Mr. Graves is having trouble obtaining the proper insurance and correspondence carried on by this office and Chas Tarle revealed that Lloyds of London is the only company considering insurance of this insurance. It seems strange to us that no U.S. Insurance Co., will issue policies. They consider it too great a risk. Yes! Yes!

ACTIVIES. Usual routine activities have been carried on along with all contacting, road building, etc. End of the fiscal year, administrative and office matters were kept current.

Major portion of report period spent on road work; both with the monument grader and the two construction companies.

Considerable time was spent on the orientation of new ranger.

With the great increase in travel, more time is required to clean up the five acres of picnic areas.

Fixed the water tap at both upper and lower picnic area. So much water is being diverted by Mr. Wellington into his ditch, that Mosca Creek is very low and this affects our water supply to some extent at the picnic areas.

A trip was made with Mr. Jack Williams in his jeep, to the top of Medano Pass. A hasty inspection of wood cutting and hauling was made on the Ziegler property and the old Williams property.

The Williams property within the monument was sold to J.T. Rounsaville.

All authmotive equipment was greased and repairs were made on a leaky gasoline line on the old Ford dump truck.

Gasoline, lubricating oil and propane gas were hauled from Alamosa.

Much trouble was encountered with the Parkhurst outfit who are cutting and hauling lumber from the Ziegler property. Their tractor broke loose just below Mosca Spring and tore up the landscape. In getting the tractor back to the truck, more damage was done. Lumber was also scattered all over the area and this was cleaned up by monument personnel.

Three men hired by Parkhurst drove in one evening very drunk. They kicked out the most sober member of the trio and then drove off to town. I drove the man to the Zapata Ranch where he called by phone but could not locate any friend to come and get him. So drove him to Alamosa and on the way, found the other two had driven the truck into the ditch and were there sleeping it off. Water in the ditch was fender high and touching the engine. The Sheriff was contacted and he returned with me and took the men off to jail. Never a dull moment here!

ACTIVITIES. Usual routine activities have been carried on along with all contracting, road building, etc. Men of the Fiscal year, administrative and office matters were kept current.

Major portion of report period spent on road work; both with the monument grader and the two construction companies.

Considerable time was spent on the orientation of new rangers.

With the great increase in travel, more time is required to clean up the five acres of picnic areas.

Fixed the water tap at both upper and lower picnic area. No much water is being diverted by Mr. Williams into his ditch, that never dries is very low and this affects our water supply to some extent at the picnic areas.

A trip was made with Mr. Jess Williams in his jeep, to the top of Redwood Pass. A hasty inspection of wood cutting and hauling was made on the Hagler property and the old Williams property.

The Williams property within the monument was sold to L.E. Mounsaville.

All automotive equipment was greased and repairs were made on a jeep gasoline line on the old Ford dump truck.

Gasoline, lubricating oil and propane gas were hauled from Alamosa.

Much trouble was encountered with the Pathfinder outfit who are cutting and hauling timber from the Hagler property. Their tractor broke loose just below Rocky Spring and bore on the landscape. In getting the tractor back to the trail, more damage was done. Timber was also scattered all over the area and this was cleaned up by monument personnel.

Three men hired by Pathfinder drove in one evening very drunk. They hired out the best sober member of the trio and then drove off to town. I drove the man to the Zapata Ranch where he called by phone but could not locate my friend to come and get him. We drove him to Alamosa and on the way, found the other two had driven the truck into the ditch and were there digging it off. Later in the night was forced high and touching the engine. The Sheriff was contacted and he returned with me and took the men off to jail. Never a dull moment here!

PROJECTS FOR ENSUING MONTH. Finish road work which will start on June 27. Have parking area outlined by rocks and tables removed and placed to better advantage.

Repair pipe at Morris Gulch Spring. Repaint road signs and others at parking area.

If funds become available, to do something with the trailer to make it livable as ranger's quarters.

With this work accomplished, it is hoped that my lieu days may be taken and enjoyed.

Ted C. Sowers,
Superintendent

Montezuma Castle National Monument
Camp Verde, Arizona
June 25, 1949

MEMORANDUM for the Director, Region Three:

Montezuma Castle National Monument submits its monthly report for June 1949.

General Activities: The pressure of travel has left little time for activities other than public contact work. The monument was kept open between the hours of 8:00 a.m. and 6:00 p.m., with tours conducted hourly. On several occasions, to accommodate visitors, it was necessary to conduct two trips within the hour.

Weather: Days have been warm but nights still remain cool. Maximum temperature was recorded on June 15 when the mercury reached 107 degrees. Minimum temperaturs averaged in the sixties. Showers caused a total precipitation of .45 inches.

Travel: Record travel was experienced this month with 3878 people in 1178 cars to the Castle and 1252 visitors in 403 cars to the Well for a monthly total of 5130 people and 1581 cars. Travel year to date numbers 18355 as compared to 16345 visitors for the corresponding month of last year.

Interpretation: 222 trips conducted 1143 adults and 169 children through the Castle. The largest single day for trips occurred May 29 when 101 people were guided through the ruins. The second largest day was June 19 when 98 visitors climbed the ladders.

To improve interpretation service, Archeologist Schroeder prepared a digest of information pertaining to Montezuma Castle which will be studied by all persons conducting guided tours.

Sketches of a geological block diagram of the Verde Valley have been colored and placed in the museums at the Castle and Well.

Schroeder gave a kodachrome illustrated talk on Montezuma Well to the Clarkdale Kiwanis Club.

Maintenance: At the Castle, all road gutters were cleaned and some brush removed from the shoulders.

Repairs were made to the water pump and to two of the Castle doors.

At the Well museum, cabinet doors and frames were completely revarnished.

Protection: The Building Fire Control Plan for this area was prepared by Ranger Clancy and submitted to Region for approval. The annual report of inspection of fire hazards was also submitted this month.

Wildlife: A pinion jay and a starling were recorded at the Well for the first time. A gray fox was observed on several occasions near the Castle. Bats are again causing a nuisance in some of the Castle rooms.

Public Health: Water samples collected from this area and mailed to the State and Federal laboratories proved entirely satisfactory.

JOHN O. COOK

John O. Cook,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

~~NATIONAL MONUMENT~~
~~UTAH~~
Natural Bridges

July 5, 1949

MEMORANDUM for the Regional Director, Region Three.

The following is the Narrative report for Natural Bridges National Monument for the month of June, 1949.

GENERAL: Due to the heavy snows of the past winter and unseasonable rains in May it was impossible to get into this area until June 2 on which date it was officially opened.

TRAVEL: A total of 130 people visited the area in 45 cars. This count shows a definite decrease from the same period last year, but is understandable because of the road conditions.

INTERPRETATIVE SERVICE: Total contact time amounted to 38 hours, in which 97 people received information about the area. Thirty-six people visited during the absence of the Ranger. The campground was used by 9 people for overnight stops. One party was contacted in Blanding.

WEATHER: The heavy snow fall of last winter had just melted when unseasonable rains brought more precipitation than the soil could hold.

ROADS: The approach road over the mountain from Blanding has been in poor condition during the entire report period, due to heavy rains. The transportation of heavy mining equipment has made deep ruts in the boggy stretches and although the State Highway Department has attempted to repair these holes they can do very little until the ground dries. The Ferry at Hite was taken out by driftwood which closed this approach for over a week.

INSPECTIONS: An inspection was made of the area on June 8 & 9 and in spite of this superintendent's three years of mud driving at El Morro he had to put on chains in the middle of a mud hole. There was not sufficient time to see much of the area, but the grounds and trails that were seen had been put in very good shape by Ranger Redd, The canvass covering the tent house quarters apparently took a beating last winter and will have to be replaced.

MAINTENANCE: All directional and milage road signs were repainted or, where necessary were replaced by new ones. Wire was purchased for the the strengthening of all ladders.

Bates E. Wilson

Bates E. Wilson
Acting Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

July 8, 1944

MEMORANDUM for the National Director, Region Three.

The following is the narrative report for Natural Bridge National Monument for the month of June, 1944.

WEATHER: Due to the heavy rains of the past winter and spring, value in May it was impossible to get into this area until June 2 - which date it was officially opened.

TRAFFIC: A total of 130 people visited the area in 42 cars. This count shows a definite decrease from the same period last year, but is understandable because of the road conditions.

INTERPRETATIVE SERVICE: Total counts time amounted to 20 hours, in which 97 people received information about the area. Thirty-six people visited during the absence of the Ranger. The equipment was used by 2 people for overnight stays. One party was contacted in Ranger.

MAINTENANCE: The heavy snow fall of last winter had just melted when considerable rains brought more precipitation than the soil could hold.

ROADS: The approach road over the mountain from Ozark has been in poor condition during the entire report period, due to heavy rains. The transportation of heavy mining equipment has made deep ruts in the heavy surfaces and although the State Highway Department has attempted to repair these holes they can do very little until the ground dries. The ferry at Ozark was taken out by floodwater which closed this approach for over a week.

INSPECTIONS: An inspection was made of the area on June 1, 2 and 3. Results of this superintendent's three years of and driving of 11 hours in had to put on chains in the middle of a cold hole. There was not sufficient time to see much of the area, but the ground and trails that were seen had been put in very good shape by Ranger Bell. The monument is the best house quarters apparently that a Ranger has ever had. Ranger Bell's work to be replaced.

GENERAL: All directional and safety road signs were replaced or [illegible] necessary were replaced by new ones. Bids were purchased for the [illegible] everything of all Rangers.

Robert E. Tilton
Acting Superintendent.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

June 24, 1949

Report 1M1 Report 1M1

MEMORANDUM for the Regional Director, Region Three

There follows the monthly report of activities in this area for the month of June 1949.

VISITORS

111 visitors came to this area in 42 cars and on four horses. These visitors selected their activities as follows: 56 visitors used Sandal Trail in 23 parties, 37 visitors hiked to Betatakin in 11 parties, 4 visitors came horseback from Rainbow Lodge to Keet Seel and Betatakin, 4 visitors climbed to Scaffold House in one party. Only 25 people used the campground. Of interest is the fact that almost half of our travel occurred in the first five days of the report period.

N.P.S. VISITORS

Dr. and Mrs. Bryant of Grand Canyon National Park on the 28th. Former Custodian Bill Wilson on the 19th.

WEATHER

Total precipitation 1.08 inches. Minimum temperature 34 degrees on the 4th, Maximum 89 degrees on the 15th and 16th.

ROADS

Approach roads have reached a new high in smooth surface. (see maintenance)

GEOLOGY

Mr. Clark of the Sinclair Oil Company has informed us that what we are calling NAVAJO sandstone is ENTRADA sandstone, what we call Kayenta is Carmel and what we call Wingate sandstone is really Navajo Sandstone. For authority he sites the 1947 bulletin of the American Petroleum Geology, Tulsa, Oklahoma. If we are making a mistake, along with all geologists , except Baker, Dane and Reeside who wrote the paper, we wihh to correct it. We have requested a copy of that bulletin.

[illegible]

[illegible]

[illegible]

MAINTENANCE

Because of the dryness of our road bed little road work could be accomplished until the 26th. The c.82 inches of rain then settled the dust, washed out four areas and provided moisture enough for blade operation. Four blade applications were required on most of the 16 mile entrance road. A final smoothing with our railroad irons dragged behind the dump truck has put our entrance road in better shape than ever before.

During the 'dry season' we were able to whip all of our equipment into good shape.

The dump truck (I 13805) was repainted a standard highway yellow lacquer--and a very professional looking job it is.

A shovel was mounted on the grader and a bolt operated from inside the cab fastens the right door. A bolt released from inside the cab controls the gas tank cap eliminating another lock. Thus only one lock is required to secure the grader. The door catches had to be worked over because of misfitting the cab.

Schools of instruction were a major item this month. Many lessons were given Bob Black in the safe use of the grader. Seth Bigman has been schooled in operation and maintenance of the dump truck. Both men attended schools of the grease gun, oil can, tire maintenance and repair.

A sign was routed, painted and installed in Betatakin. The legend follows:

NO ONE IS PERMITTED
BEHIND THIS SIGN
IT IS UNLAWFUL TO WALK UPON
PREHISTORIC WALLS OR ROOFS
PENALTY: $500.00 FINE AND
60 DAY IMPRISONMENT

Altho our policy is that there be no unguided or uninstructed visitors to Betatakin there are instances of visitors reaching Betatakin without our knowledge. This is made possible by access from Marsh Pass or as happened this month a horseback party visited Keet Seel and Betatakin before appearing at the headquarters area.

<u>MAINTENANCE</u>

Because of the dryness of the road bed little problem was really to be encountered until the fall. The well known of rain that ended the dry, rented was four times and providing adequate for flight operations. Four flight applications were required on most of the 12 mile contrails road. A final snowfall with our railroad lines drifted behind the dump truck has put our customers road in better shape than ever before.

During sheriff's assess' we were able to help all of our employees left road shape.

The dump truck (1 1966) was regulated a standard tilting pulley lagger--and a very professional looking job it is.

A shovel was mounted on the grader and a bull dozer from inside the cab raises the right door. A full enclosure from inside the cab protects the gas tank and eliminates another job. This only one job is required to remove the grader. The door carries tail to be added over because of modifying the cab.

Schools of instruction were a major item this week. Four lessons were given the field in the site use of the grader. Each figure has been achieved in operation and maintenance of the dump truck. A 30 man training session of the crews was, it can, life maintenance and repair.

A sign was rented, painted and installed in Interstate. The legend follows:

TO SEE IS PROTECTED
PROTECTED WITH SIGN
IT IS DELAYED BY MAIL NOW
PROTECTED WITH IN SIGN
STRAIT: $40,00 FOR
BY MAY INSTRUCTOR

Like our policy is that there is no permit or restrictions visitors to Schools there are instances of visitors requesting behavior without our knowledge. This is made possible by access. Are Sheriff Pass or as happened this week a northern party visited Lost Trail and Interstate before arrangements of the headquarters area.

MAINTENANCE (Con't)

The rewound three horse power, dust proof Master Motor was packed horse-back to the tunnel on the 23rd.

The frame work for the redwood tank cover has been finished. Only a lack of funds keeps this project from being completed.

MISCELLANEOUS

On the morning of June 9 at 2 A.M. we were awakened by a light tapping on the bedroom window. Pipeline came in followed by Seth to tell us that Pipeline's mother died in the evening. This called for a pot of coffee by Ida and a fast plan for burial. The first request was for enough lumber to build a pine coffin. We cranked up the light plant and pointed the pickup lights on the lumber stack. (This material, so conspicuously absent, is hard to find even in strong light). By using some of our warped sign material and packing case material we were able to fabricate a box.

While Seth and I were driving nails and Pipeline was sawing cross-cuts Seth put a half-dozen nails into his mouth. Pipeline stopped sawing and told Seth not to put nails that were going into the coffin in his mouth. A few days later I asked Seth, why? He explained that Pipeline told him it was a very bad thing to have his saliva buried in the grave. The same is true of a scratch that might leave a trace of blood or skin on the box. Pipeline wore gloves.

Because a burial near Shonto had recently been disturbed the boys requested the body be placed in the cemetery at Tuba City--so we put the box in the pickup at 5:30 A.M. had some breakfast--and proceeded to Bob Black's hogan where Grandma had died. We arrived just as Bob and his family were leaving in their wagon loaded with all their hoganhold effects.

The pickup was backed up to the hogan door, the box placed in position and Grandma wrapped in a pendleton blanket was placed in the box lined with a sheet provided by Ida.

Since Grandma had died inside the hogan I wondered what would come next. The hogan was a fine large one built by Bob Black and represented many hours of log hauling, ax work, mud mixing and finally many happy hours inside.

Allitteration (con't)

The Pressed Steel Motor Company, Inc. Power Division Engineer Walter Wallace Burns-Wall, on the Bendix on the Five.

The Power work for the Pressed Steel motor, has been finished. Only a lack of time keeps this project from being completed.

Electricity

In the showing of Fox 2 at 8 days we very neglected to a light toggle on the Bendix scheme. Finally even in fulfilment by 1940 for Bell or that Flyaway's engine lit on the evening. This waiting for a pick of motors by the and 2 that plus for Bendix. The Flyaway engineers had the energy Bendix to build a plane engine. He presence on the light board and printed the vitality lighting on the Zephyr engine. (This material, by coincidence by chance, is that-it this when is strong light). Ty-motor some of our engine light material and planning view material we were work in Infringe a Bendix.

Bill's Fox and 2 were testing Bendix and flyaway. Two engine experiment then on a half-hours until from the engine. Pipeline staying, making and this work not to put motor that when going from engine on the engine. Bendix days later [illegible] Fox, engine. The engineer that Flyaway this in; not a very but going to have the engine testing Bendix-green. Fox time to turn of a engine this engine light a hours of time or this in the home. Flyaway engine light.

Bendix a testing been Bendix and recently [illegible] the engine engineer the body is [illegible] to the engineer at this light—at be light Fox on is the light at half hour and when Bendix-wood pressed to the Bendix's engine where Bendix had state. The engine just to the on at the Bendix were testing to Bendix engine tested with all Bendix engineers with.

The plane not tested to to the engine Bendix the the plane to testing and Bendix engine in a pulling light and plane is the the light with a Bendix pressed by the.

Bendix Bendix be light testing the Bendix I engineer and engine hour light. The light was a fine trying the Bell by the Bendix and engineer many hours of the Bendix. to work, and noting and finally many hours testing Bendix.

June 24, 1949

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MISCELLANEOUS (Con't)

The men were gathered in a huddle about 50 feet from the hogan and Beth came out of the group to tell me that they wanted me to burn the hogan and the large pile of trash outside. (The hogan had been thoroly cleaned up and the pile in front was the usual accumulation found inside the hogan). Reluctantly I poured a quart of gasoline on the logs inside the hogan and on the trash pile. With a touch of fire both were burning furiously and the party departed at once.

Pipeline and Dan Yegishe then accompanied me to Tuba City cemetery where a grave was dug and the body interred. Our next stop was at the boys dormitory were Pipeline and Danny took a physical and mental cleaning in the shower. We were back in the groove at Betatakin at one P.M.

Grandma's passing has been and will continue to be lamented. She had always been a cheerful old gal in spite of a crippled hip and trachoma. She hobbled on a stout stick and could only dimly see where she was going, seldom complaining and more often joking about the length of time it took her to get from one place to another. She was such a kind one she won't spend much time getting to her 'happy hunting ground' but I'll bet she has a wisecrack when she gets there.

J.W. Brewer Jr.

J.W. Brewer, Jr.,
Superintendent

[illegible]

[illegible]

Signed

Sgt. Inman, Jr.
Investigator

NAVAJO NATIONAL MONUMENT

MONTHLY REPORT June 1949

On may 29, 1949 the parking area was again over crowded.

A pencil sketch plan for an enlarged parking area was furnished by Architect Al Kuehl in 1940. The exact location has not been determined.

We are urgently in need of funds to provide ample parking space.

J.W. Brewer, Jr.,
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT
P. O. Box 38, Ajo, Arizona

June 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of June, 1949.

Weather.

Uniformly high temperatures prevailed throughout the month to rapidly dry up the range and water holes. The high maximum temperature of 108° was recorded on June 15th and the low of 50° was recorded on June 4th. Only a few drops of rain fell on the evening of June 17th. A daily check of the 11:30 A.M. weather was made from June 8 to 17 for the Weather Bureau.

General.

The superintendent went to Arizona State College at Tempe on June 16th to appear for 2 hours on their conservation workshop.

Inspections.

Forester Ratcliff spent June 10 and 11 inspecting the range and consulting with the grazing permittees.

Visitors.

The Copper Toastmasters Club of Ajo held their weekly meeting on the monument on June 21. 68 members and guests enjoyed a slide talk by the superintendent.

Travel.

Travel of 12957 for this month brings the total for the fiscal year to 121615. Travel for the 1948 fiscal year was 94449, giving an increase this year of 27,166.

Research and Observation.

Road patrol was made almost nightly to check reptile movements and species. The new snake records added for the monument are Thamnophis aques, garter snake; Rhyllorynchus decurtatus nubilis,

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT
P. O. Box 38, Ajo, Arizona

June 25, 1940.

MEMORANDUM for the Regional Director, Region Three.

Here follows a report of activities for Organ Pipe Cactus National Monument for the month of June, 1940.

Weather.

Uniformly high temperatures prevailed throughout the month to rapidly dry up the range and water holes. The high maximum temperature of 108° was recorded on June 14th and the low of 80° was recorded on June 4th. Only a few drops of rain fell on the evening of June 17th. A daily check of the 11:00 A.M. weather was made from June 8 to 17 for the Weather Bureau.

General.

The superintendent went to Arizona State College at Tempe on June 10th to appear for 2 hours on their conservation workshop.

Inspections.

Forester Retolff spent June 10 and 11 inspecting the range and consulting with the grazing permittees.

Visitors.

The Copper Toastmasters Club of Ajo held their weekly meeting on the monument on June 21. 25 members and guests enjoyed a slide talk by the superintendent.

Travel.

Travel of 12027 for this month brings the total for the fiscal year to 112614. Travel for the 1939 fiscal year was 99488, giving an increase this year of 27,126.

Research and Conservation.

Road patrol was made almost nightly to check reptile movements and specimens. The new snake records added for the monument are Thamnophis sauvae, garter snake; Trypilorpsidium dissectum cordilli,

cloudy leaf nose; and Leptotyphlops humilis humilis, blind snake. This brings our total to 20 species of snakes.

Personnel.

Maintenance-man Guinn spent May 31 to June 27 on annual leave. Ranger Bean was on leave from June 1 to June 16.

William R. Supernaugh,
Superintendent.

Saguaro National Monument
Tucson, Arizona

June 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly report of activities at Saguaro National Monument for the month of June, 1949.

General.

The mild temperatures of May have given way to higher temperatures during June, culminating in a maximum of 106 degrees on June 16 at monument headquarters. The long drouth was broken on June 10 in the forested area when some 36 hundreths of an inch of precipitation fell over the Rincons. Subsequent thunder showers have brought the total rain fall up to .75 of an inch in the forested area. Several lightning strikes were observed by our lookouts on the Rincons but to date no fires have occured.

Travel to Saguaro shows a sharp decline as compared to last month but a substantial increase over the same month a year ago.

The annual Fire Control Training program was held at Manning Camp on June 8 for the benefit of all monument personnel. Assistant Regional Forester H. M. Ratcliff participated as discussion leader on several subjects, with special emphasis on what influences fire behavior which was well received by our field men.

Special Activities.

Assistant Regional Forester Ratcliff spent the period June 7, 8, and 9 at Saguaro participating in the Fire Control Training program at Manning Camp, and inspecting part of the 1943 burn in the forested area.

The superintendent spent three days in the forested area inspecting presuppression activities and maintenance work.

Maintenance.

All necessary materials were finally assembled at Manning Camp to erect the new tent frame for sleeping quarters. Heavy logs were used for the foundation and the job was accomplished in an efficient manner by our trail crew.

A new pit toilet was constructed at Manning Camp as the old one was unsatisfactory from a standpoint of sanitation.

Saguaro National Monument
Tucson, Arizona

June 30, 1942.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly report of activities at Saguaro National Monument for the month of June, 1942.

General.

The mild temperatures of May have given way to higher temperatures during June, culminating in a maximum of 100 degrees on June 23 at headquarters. The long drought was broken on June 24 in the forested area when some 36 hundredths of an inch of precipitation fell over the Rincons. Subsequent thunder showers have brought the total rain fall up to .75 of an inch in the forested area. Several lightning strikes were observed by our lookouts on the Rincons but to date no fires have resulted.

Travel to Saguaro shows a sharp decline as compared to last month but a substantial increase over the same month a year ago.

The annual Fire Control Training program was held at Mending Camp on June 2 for the benefit of all monument personnel. Assistant Regional Forester H. M. Ratcliff participated as discussion leader on several subjects, with special emphasis on what influences fire behavior which was well received by our field men.

Special Activities.

Assistant Regional Forester Ratcliff spent the period June 7, 8, and 9 at Saguaro participating in the Fire Control Training program at Mending Camp, and inspecting part of the 1941 burn in the forested area.

The superintendent spent three days in the forested area inspecting preseppression activities and maintenance work.

Maintenance.

All necessary materials were finally assembled at Mending Camp to erect the new tent frame for sleeping quarters. Heavy lumber was used for the foundation and the job was accomplished in an efficient manner by our trail crew.

A new pit toilet was constructed at Mending Camp as the old one was unsatisfactory from a standpoint of sanitation.

Maintenance. (Cont'd)

Another much needed improvement was accomplished in the form of a concrete floor in the tool storage shed at Manning Camp.

Several breaks in the telephone line (Grounded circuit) were repaired including three breaks in the line between headquarters and Madrona Ranger Station.

Approaches to Park Area.

The Broadway approach was graded once during the month and was in good condition for the most part. A few visitors continue to arrive at Saguaro via the Vail approach but it is generally unpopular due to being very rough.

A field survey party from the Pima County Engineers Office is presently engaged in surveying the proposed new approach road via the Old Spanish Trail.

Interpretive Service.

The interpretive program at headquarters was not constant during the month due to the absence of the superintendent on several occasions.

A total of 475 persons in 140 parties were given interpretive service at headquarters. This amounted to 33½ hours for an average of 14 minutes per party.

Travel.

A total of 1,262 people visited Saguaro during the month. This is a decrease of 42% as compared to last month and an increase of 366 visitors over the corresponding month a year ago.

Roads and Trails.

The patrol loop trail on Mica Mountain was cleared of all down logs.

The Loop Road through the cactus forest will be graded whenever sufficient moisture is present to insure packing after grading, it is in fair condition at this time.

Ranger Service.

Ranger Wilde devoted most of his time to supervising presuppression activities in the forested area, including moving the weather station to a new location and installing a HK lead-in for the fire tower.

Another much needed improvement was accomplished in the form of a concrete floor in the tool storage room at Bowling Green.

Several breaks in the telephone line (Grenada circuit) were repaired including three breaks in the line between Independence and Uniform Depot station.

Approaches to Park Area.

The boundary approach was graded once during the month and was in good condition for the most part. A few stations complain of ruts in approaches via the trail approach but it is generally considered to be very good.

A field survey party from the Park Ranger Designer office is currently engaged in surveying the proposed new approach road at the old Spanish Trail.

Interpretive Service.

The interpretive program at headquarters was not conducted during the month due to the absence of the superintendent on personal business.

A total of 272 persons in 112 parties were given interpretive service at headquarters. This compared to 38 persons for an average of 16 persons per party.

Travel.

A total of 1,322 people visited Capulin during the month. This is a decrease of 4% as compared to last month and an increase of 38% visitors over the corresponding month a year ago.

Road and Trails.

The patrol loop trail on Mesa Mountain was cleared of all dead logs.

The loop road through the center fork will be graded during mid-August unless it proves to turn muddy after grading, if it is in fair condition at this time.

Water Supply.

Ranger Mills devoted most of his time to supervising preliminary activities in the Trescott area, including moving the water system to a new location and installing a WX hand-in for the fire tower.

Visitors.

Dr. A. D. Bajkov, Biologist, Biloxi, Miss.

Charlie Steen, Regional Office.

Personnel.

Arthur Lopez and Conrad Hernandez entered on duty as Fire Control Aids on June 1. Frank Alonzo entered on duty as trail laborer on the same date.

Fire Control Aid Samuel Oren took sick leave on June 4 and 5 in order to have a cyst removed by a physician in Glendale, Arizona.

Samuel A. King
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

June 27, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Sunset Crater National Monument from information furnished by the ranger-in-charge for the month of June 1949:

Weather: Sunset Crater was not exempt from the unusual weather experienced by the Flagstaff region. Rainfall was considerably above the average and the high winds were not as much in evidence as is usually the case at this time of year.

Roads: Approach roads are in an unusually good condition for June, although washboarded in some sections. Portions of the entrance road were dragged on three occasions when rains made it possible.

Travel: The highest visitor use for the area was recorded this month with an estimated 5540 visitors. Of this total, 931 persons in 180 groups were given interpretive services by the Ranger-in-Charge and 2216 individuals received other interpretive aid. The total visitation figure represents an increase of 60% over last month and 23% over June 1948.

Visitors: Visitors of interest in the area included Mr. Edgar Snow and party, escorted by a member of the Flagstaff Chamber of Commerce. Mr. Snow is a writer for the Saturday Evening Post and was gathering material for future articles on the Flagstaff region. On June 19th a group of 50 students from Arizona State College in Flagstaff visited Sunset Crater on their return from Wupatki National Monument.

Publicity: An interesting photograph by Josef Muench of Sunset Crater, together with a brief article appeared in a recent issue of Ford Times, an interesting travel magazine of national distribution. The Arizona Daily Sun in Flagstaff released an article to the effect that interpretive services were available for the summer travel season and that roads were in good condition. The primary purpose of the article was to inform local businessmen of existing conditions so that they would be able to answer questions of visitors to Flagstaff.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Shiloh NATIONAL MONUMENT

Shiloh, Tennessee

June 27, 1940

MEMORANDUM for the Regional Director, Region Two.

There follows a report of activities on Junior Junior Ranger Summer Tour Conducted or Parkwide by the ranger-in-charge for the month of June 1940:

Weather: Normal June weather was not enough from the usual weather experienced by the Fairfield region. Rainfall was considerably above average and the high winds were not as much in evidence as is usually the case at this time of year.

Roads: Improved roads are in an unusually good condition for June, although maintenance is some concern. Portions of the entrance road were damaged on three occasions when rain fell heavily.

Overall: The highest visitor use for the park was recorded this week, with an estimated 2500 visitors. Of this total, 450 persons in 150 groups were given interpretive services by the Ranger-in-Charge and 2000 individuals received other interpretive aid. The total visitation figure represents an increase of 600 over last month and 900 over June 1939.

Visitors: Visitors of interest to the area included Mr. Elmer Kurz and party, escorted by a member of the Fairfield Chamber of Commerce. Mr. Kurz is a writer for the Saturday Evening Post and was gathering material for future articles on the Fairfield region. On June 23rd a group of 20 students from Arizona State College in Fairfield visited Lookout Point on their return from Pickett National Monument.

Publicity: An interesting photograph by Josef Lesch of Tennessee Conservation with a brief article appeared in a recent issue of Park Items. An interesting travel magazine of national distribution, The Pathfinder, has the Fairfield relaunch an article to the effect that Junior Ranger services were available for the summer travel season and that they were in good condition. The primary purpose of the article was to inform interested motorists of existing conditions so that they would be able to plan their questions of visitors to Fairfield.

Forest Fire Protection: The Ranger-in-Charge made initial attacks on two small lightning fires on the adjacent Coconino National Forest. A total of 16 hours was thus spent, most of which was overtime paid by the Forest Service under Co-operative agreement.

Research and Observation: The overnight camping problem was alleviated somewhat by advising visitors to camp at the nearby Forest Service Townsend campground set aside for that purpose.

A cave was discovered in the north edge of the Benito Lava Flow and was penetrated to a depth of 30 feet. The entire length of the cave has not yet been explored, but inside were numerous deposits of a white powder. Specimens have been sent in for identification.

Information was obtained concerning the abandoned logging camp site on the north side of Benito flow. Apparently a small community known as the Sunset Logging Camp existed there as early as 1901. More definite information will be gathered as soon as possible.

Equipment: A total of almost two days, throughout the month, was spent in either making emergency repairs or having them done in Flagstaff to the Dodge truck, #13879. This caused a great deal of inconvenience and disrupted normal duties of the Ranger. To put this war surplus equipment in reasonably good condition would require an outlay of approximately $300. Repairs, however, are being kept to a minimum awaiting a replacement for this vehicle.

Maintenance: The work load of the area for this month falls into the following pattern: cleanup - 21½ hours; roads - 14 hours; repainting of signs - 19 hours; rehabilitation of rest rooms - 19 hours; firefighting - 2½ hours regular and 16 hours overtime; visitor contact - 60 hours; truck repairs - 21½ hours; miscellaneous and travel - 20 hours. In addition, 2 days annual leave were taken.

Owen L. Reynolds
Ranger-in-Charge

Forest Fire Protection: The Langer-le-Gorge made initial attack on two small lightning fires on the adjacent Spruce National Forest. A total of 18 hours was thus spent, but of which was eventually paid by the Forest Service under co-operative agreement.

Research and Observation: The overnight camping problem was eliminated somewhat by adding sleepers to camp at the nearby Forest Service Tenement compound set aside for that purpose.

A cave was discovered in the north edge of the South Lake Fox and was prospected to a depth of 80 feet. The entire length of the cave has not yet been explored, but leads were numerous depends of a white powder. Specimens have been sent in for identification.

Information was obtained concerning the abandoned logging camp site on the north side of South Lake. Apparently a small sawmill stood on the Forest Logging Camp related there as early as 1900. More definite information will be gathered as soon as possible.

Equipment: A total of almost two days, throughout the month, was spent in either minor emergency repairs or having work done in Fitzpatrick to the Lodge truck, FIRETE. This caused a great deal of inconvenience and disrupted normal duties of the Ranger. To put this car engine equipment in reasonably good condition would require an outlay of approximately $300. Repairs, however, are being kept to a minimum awaiting a replacement for this vehicle.

Manpower: The work load of the crew for this month falls into the following pattern: Glenmore - 22½ hours; roads - 14 hours; repairing of signs - 12 hours; rehabilitation of rest rooms - 12 hours; firefighting - 2½ hours regular and 12 hours overtime; visitor contact - 20 hours; trash repairs - 22½ hours; administrative and travel - 20 hours. In addition, 2 days annual leave were taken.

Owen L. Ingraldi
Ranger-in-Charge

Forest Fire

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

June 25, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for June, 1949.

Upon looking at the report for June last year, I find that I could almost copy it word for word and have it accurate. It is hot here, 95 to 105 degrees, there is only one man on duty, the visitors are rolling in, with the usual 25 to 30 per cent increase per year, and the fire danger is high much of the time. The Conservation Workshop group from Tempe was in again, accompanied by Forest Service men. Most of the time has been taken up by visitors to the Cliff Dwellings despite the relatively small number of such visitors.

Weather. Daily maximum temperatures from 95 to 105 degrees. One good rain, about an inch, received this month, first rain in June in 8 years.

Approaches to Monument. Apache Trail and Monument road were damaged some by the rain, but they are in fair condition.

Interpretive Service. The Museum has been open all month, but unattended much of the time, as someone from almost every party went to the cliff dwelling. During Archaeologist Pierson's absence on leave, guide service has been on a six day a week basis, with the Superintendent contributing the sixth day. Service was not available on one other half day due to a necessary trip to Globe.

Archaeologist Pierson gave a talk to the Rotary Club and to the Ladies Aid Society at Spring Valley, Ill., while on leave, to about 30 persons in each group.

Travel. 1291 visitors in 358 cars came to Tonto this month. This is an increase of about 33% over June last year, and about 16% more than travel last December, the normal travel season.

Record Memorial week-end travel, (about 500 in 2 days) helped increase that number, but there is a consistent average increase also. From the records of the past two years, I believe we will have to regard June as part of our busy travel season, regardless of the weather.

Visitors. Regional Archaeologist Eric Reed. Forester Ratcliffe and son Howard. Operator Marble and family from Chiricahua, and Mr. and Mrs. Lloyd M. Pierson Jr. and daughter Audrey.

General. Office work incident to end of the fiscal year, odd jobs, repair and maintenance, and mostly visitors, took up the month.

Charles C. Sharp
Superintendent

Tonto National Monument
Narrative Report, June 49.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

June 25, 1949.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of June, 1949:

WEATHER CONDITIONS: Rain fell on June 17 and 20, to the amount of .25. Typical summer rainfall patterns have been reflected by considerable cloudiness of late, and heavy rains at various spots in the surrounding country. This is unusually early for summer rains, which sometimes do not begin until July 20. Maximum temperature of 105 occurred on June 15 and 16, and minimum of 45 on June 4.

INCREASE OR DECREASE IN TRAVEL: Travel records have again been shattered into small pieces. Visitor total of 1,671 persons is 14.5% higher than the highest previous June total, that of 1,429 persons in 1937. However the 1949 Fiscal Year travel total of 24,904 is considerably below the 26,425 total for the 1948 Fiscal Year.

INTERPRETIVE SERVICE: 773 persons went on 141 guided trips through the mission church and grounds, receiving an average of 35.49 minutes per trip. 1,612 persons received combined Information and Interpretation service, and 1,611 saw the museum and patio garden.

VISITORS: 5-27 - Henry Jaasted, a Tucson architect and mission enthusiast. He made a Sonora missions trip with Frank Pinkley in 1921.
5-28 - State Senator Hubert Merryweather and a party of friends.
5-29 - Mr. Laurence M. Klauber, world-famous herpetologist, and his son, spent an hour with us.

INSPECTIONS: June 11 & 12 - Regional Archaeologist Reed was in for an afternoon, night, and morning. During much of this time Ranger Brewer, Dr. Reed and myself were able to have a very intensive brain session over historical research and information leaflet text.
June 12 thru Part of June 16 - Collaborator Rutherford J. Gettens, Chief of Technical Research, Fogg Museum of Art, Harvard University, and Archaeologist Steen of Region Three Office, were in to study the mission. Detail of this in another section.

PUBLICITY: 5-26 - W. F. Langton, who took educational pictures here last year on behalf of the University of Utah, was in again to complete his portion of pictures on Tumacacori.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yosemite National Monument
Yosemite, California

June 20, 1949.

MEMORANDUM for the Director, Director,
Region Three.

Follows the monthly narrative report for Yosemite National Monument for the month of June, 1949:

WEATHER CONDITIONS: Rain fell on June 17 and 18, in the amount of .25. Typical summer weather patterns have been reflected by maximums and minimums of late, and heavy rains on various nights in the surrounding country. This is unusually early for summer rains, which ordinarily do not begin until July 20. Maximum temperatures of 100 occurred on June 13 and 16, and minimums of 48 on June 6.

TRAVELS ON PROMINENT IN PLACE: Travel records have again been matched into small places. Visitor total of 1,271 persons is 14.8% higher than the highest previous June total, that of 1,420 persons in 1948. However the June fiscal Year travel total of 84,804 is considerably below the 88,480 total for the 1948 fiscal Year.

INTERPRETIVE PROGRAM: 272 persons went on 141 guided trips through the museum, museum and grounds, averaging an average of 32.4 minutes per trip. 1,612 persons received combined information and interpretation service, and 1,811 saw the museum and audio program.

VISITORS: S-27 - Henry Jaeger, a Tuscan architect and visitor authority, to make a Bonnie museum study with Frank Pinkney in 1921.
S-28 - Three Junior Ranger Representatives and a party of friends.
S-29 - Mr. Lawrence E. Linder, "Six-Figure Salesmanship", and his wife, spent an hour with us.

INSPECTIONS: June 11 & 12 - Regional Transportation Head was in for an afternoon, night, and morning. During some of this time Senior Ranger, Mr. Head and myself were able to have a very friendly talk regarding over fiftieth research and information limited test.
June 13 Wm. Fort of June 12 - Utilization Inspection
J. Potter, Chief of Technical Research, Ohio Museum of Art, Harvard University, and Archaeologist Dean of Radio Free Office, was in to study the museum. Detail of this is another memo.

MEMORANDUM: S-28 - V. I. Lagoon, who has photographed pictures here last year on behalf of the University of Utah, was in again to complete his portion of pictures on Yosemite.

MAINTENANCE: Our water system pump motor was checked into. The jack was taken down and slide bearings adjusted and crank pin rotated 90 degrees to provide a new wearing surface, and brushes were replaced in the motor. A refrigerator motor, in Residence No. 1, was taken down and a new bearing made for one end of the shaft. Above services were performed by Mr. Harry Lyman.

Tucson Roofing and Supply Company, of Tucson, which firm built the nave roof in 1947, after much prompting sent a man down to make repairs to a leak which had developed at least a year ago. The repair was above the flashing at the north end of the nave, and correction of the leak protects a somewhat weakened adobe arch underneath.

Routine maintenance was taken care off, but there is need for a great deal of other maintenance which we have not succeeded in finding time enough to do. Repairs and new wording were effected on part of our large entrance sign near the museum front door.

MUSEUM AND EDUCATION: An inaccurate label for a gun exhibit in the museum was changed. The mining diorama case has such gross inaccuracies in its old labels (very lengthy and fancy labels) that Ranger Brewer and I opened this case and put a short temporary label in to indicate the error of the rest. We then found the aluminum front frame so badly warped that we almost did not succeed in replacing the glass. To re-write the mining exhibit labels adequately will require a few days of research at the University, which time has not shown itself.

TUMACACORI TREASURE: 6 - 15 - Three more men arrived with an M Scope, to locate the Tumacacori Treasure. It has been approximately six months since another party used an M Scope for the same purpose. This time the "treasure" indications were the same as shown by the M Scope of the earlier party. The man in charge of the machine informed me "There's supposed to be 16 million in gold somewhere on these grounds." I didn't explain to him that 16 million in Spanish gold, giving him only his percentage as treasure trove, considering depreciated specie value, considering income taxes on the find, etc., would leave him only cigarette money, and roll-your-owns, at that. He informed me it would be simple to tear out a big section of old wall of the mortuary chapel and replace the adobe and plaster afterward, and that he is going to post his bond with the government and arrange to go after that treasure. Needless to say, the staff here does not believe there is Spanish gold buried here, and we suspect it would be a long, long time before treasure hunters ever convince the Government, against the weight of logic and reason, that it should let human gophers run amuck here with picks and shovels.

PERSONNEL: A total of 25 hours of annual and sick leave was taken by the staff during the month. W.A.E. Guide Whiting worked a total of 8 hours.

NATURE NOTES: Ranger Brewer reports two California Cuckoos seen on June 23, which is an early recorded observation here for them. Other early observations here have been between June 26 and June 30.

[redacted]

MAIN MUSEUM: Our water system pump motor was checked late. The pump was taken down and white bearings adjusted and crane pin rotated 90 degrees to provide a new wearing surface, and brasses were replaced in the motor. A refrigerator motor, in Beatitudes No. 1, was taken down and a new bearing made for one end of the shaft. Some services were performed by Mr. Harry Lyman.

Tucson Roofing and Supply Company, of Tucson, which fixed initial the new roof in 1947, after much prompting sent a man down to make repairs to a leak which had developed at least a year ago. The repair was above the flashing at the north end of the new, and correction of the leak protects a somewhat weathered adobe area underneath.

Routine maintenance was taken care of, but there is need for a great deal of other maintenance which we have not attended to finding time enough to do. Repairs and new wiring were effected on part of our large entrance sign near the museum front door.

MUSEUM AND EXHIBITION: An inaccurate label for a gun exhibit in the museum was changed. The mining figures case has much gross inaccuracies in its old labels (very largely and funny inaccurate) that Ranger Brewer and I opened this case and put a short inaccuracy label in to indicate the error of the rest. We then removed the aluminum front frame so badly warped that we almost did not succeed in replacing the glass. To re-write the mining exhibit labels adequately will require a few days of research at the University, which time has not shown itself.

TUMACACORI TREASURE: 6 - 25 - Three more men arrived with an M Scope, to locate the Tumacacori Treasure. It has been approximately six months since another party used an M Scope for the same purpose. This time the "treasure" indications were the same as shown by the M Scope of the earlier party. The man in charge of the machine informed me "Harry" supposed to be 16 million in gold somewhere on these grounds. I didn't explain to him that 16 million in Mexican gold, giving him only his percentage as treasure trove, considering depreciated equals value, considering income taxes on the find, etc., would leave him only cigarette money, and roll-your-own, at that. He informed me it would be simple to tear out a big section of old wall of the mortuary chapel and replace the adobe and plaster afterward, and then he is going to post his bond with the government and attempt to go after that treasure. Mentioned to my staff here does not believe there is Spanish gold within here, and we suspect it would be a loss, long time before treasure hunters ever convince the Government, against the weight of logic and reason, that it should let human gophers run amuck here with picks and shovels.

PERSONNEL: A total of 25 hours of annual and sick leave was taken by the staff during the month. W.L.E. Quite Quitting worked a total of 5 hours.

MATURE MOTES: Ranger Brewer reports two California thrashers seen on June 22, which is an early recorded observation here for them. Other early observations here have been between June 24 and June 30.

PROPOSED STABILIZATION WORK IN MISSION: Collaborator Gettens and Archaeologist Steen, assisted by the monument staff as opportunity arose, made a very detailed examination of the plaster and painted surfaces of the church interior. The purpose of the examination was to ascertain if the plastered and painted surfaces could be cleaned and stabilized. While the examination was in progress, minute samples of all colors were taken, so that later Mr. Gettens can analyze them and tell us what pigments were used at Tumacacori.

The conclusions drawn, in Mr. Gettens' written report on his inspection, are too detailed to give here, but essentially they involve:

Removing most of adobe drip, dust and bird droppings from plaster surfaces by careful brushing.

Fixing surfaces lightly with a synthetic resin spray, to prevent chalking of lime surface and falling away of the fugitive pigments.

Pointing broken edges of the plaster.

It was emphasized that fixative should be applied to powdery surfaces, followed immediately by spray of pure thinner, to force fixative into the surface to effect bonding only of the grains and to avoid formation of a continuous film of the plastic at the surface. Continuous film at surface would cause undesirable sheen and might eventually cause peeling.

We have the feeling that Mr. Gettens' inspection trip was very worth while, and that if his recommendations can be carried out in toto the interior of the church will not only have much more stable surface but be infinitely more beautiful to look at.

Earl Jackson,
Superintendent.

PRELIMINARY STABILIZATION OF PLASTER: Dallenbach Cottons and Assessoleight Stone, assisted by the museum staff as opportunity arose, made a very detailed examination of the plaster and painted surfaces of the church interior. The purpose of the examination was to ascertain if the plastered and painted surfaces could be cleaned and stabilized. While the examination was in progress, minute samples of all colors were taken, so that later Mr. Dallenbach can analyze them and tell us what pigments were used at Tumacacori.

The conclusions drawn, in Mr. Dallenbach' written report on his inspection, are too detailed to give here, but essentially they involve:

Covering most of adobe brick, cut and bend drapings from plaster surfaces by careful brushing.

Fixing surfaces lightly with a synthetic resin, to prevent slipping of like surfaces and falling away of the fugitive pigments.

Painting broken edges of the plaster.

It was emphasized that fixative should be applied to working surfaces, followed immediately by spray of pure thinner, to force fixative into the surfaces to effect bonding only of the pigments and to avoid formation of a continuous film of the fixative at the surface. Continuous film at surface would cause undesirable sheen and might eventually cause peeling.

We have the feeling that Mr. Dallenbach' inspection trip was very worth while, and that if his recommendations can be carried out in the interior of the church will not only have much more stable surfaces but be infinitely more beautiful to look at.

Very truly,
Superintendent.

TUZIGOOT NATIONAL MONUMENT
CLARKDALE, ARIZONA.

JUNE 26, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for June, 1949.

Visitors this month - 2210 Travel year to date - 10,899.

Travel Data: 2210 persons in 681 cars. A very decided increase over the previous high corresponding period of 1948, where records show a total of 1800 people in 558 cars. If we are in a so-called recessionary period, and many informed people say we are, no evidence of this situation is shown in the ever increasing volume of tourist - at least it is not evident in this area.

Weather: Generally the entire month of June has been very pleasant. Occasional showers held temperatures down to below normal. In fact it has been quite cool compared with the same month of past years.

Guide and Contact Service: Museum, ruins and Orientation contacts totaled 5505 for the month. 1982 people in 625 parties were shown through and given and orientation lecture in the museum, and 2003 people in 627 parties made the trip through the ruins. average time spent by each party in the museum was 21 minutes. The ruins required 20 minutes per party.

Personnel Time: Museum: 217 hours, 10 minutes. Ruins: 212 hours. Total time for Bright: 219 hours. For Richert: 210 hours, 10 minutes.

Special Group: A group of 17 from the Y.M.C.A. at Phoenix on May 29, and 20 Methodist Church High School Students from Los Vegas, Nevada on June 11. Special lectures and tours are always given to young student groups.

Maintenance: Although interpretive service, due to heavy visitation, requires about every minute of our time, Archeologist Richert did manage to clean out all the weeds from the rooms in the ruins. Unusual rains, for this time of the year, caused a tremendous growth of weeds. All rooms now have a very presentable appearance. A new display cabinet was made for kodachrome slides, and several shipments of SWNM publications were received and checked.

Everett W. Bright
Superintendent.

THEODORE ROOSEVELT NATIONAL MONUMENT
DICKINSON, NORTH DAKOTA.

June 5, 1949

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Theodore Roosevelt National Monument for June, 1949.

Visitors this month - 2210 Travel year to date - 10,845.

Travel Data: 2210 persons in 621 cars. A very decided increase over the previous high corresponding period of 1948, when records show a total of 1800 people in 594 cars. If we are in a so-called recessionary period, and many interested people say we are, no evidence of this situation is given in the ever increasing volume of tourist - at least it is not evident in this area.

Weather: Generally the entire month of June has been very pleasant. Occasional showers held temperatures down to below normal. In fact it has been quite cool compared with the same month of past years.

Guide and Contact Service: Museum, rules and orientation contacts totaled 5805 for the month. 1954 people in 671 parties were given tours through and given and orientation lecture in the museum, and 3851 people in 627 parties made the trip through the ruins, average time spent by each party in the museum was 21 minutes. The rules required 20 minutes per party.

Personnel Time: Museum: 217 hours, 10 minutes. Ruins: 212 hours. Total time for Ruins: 212 hours. For Library: 210 hours, 10 minutes.

Special Group: A group of 17 from the Y.M.C.A. at Phoenix on May 27, and 20 Methodist Church High School students from Los Vegas, Nevada on June 11. Special lectures and tours are always given to young student groups.

Maintenance: Although interpretive service, due to heavy visitation, requires almost every minute of our time, Maintenance always manages to clean out all the weeds from the rooms in the ruins. Normal rains, for this time of the year, caused a tremendous growth of weeds. All rooms now have a very presentable appearance. A new display cabinet was made for Badlands Alive, and several shipments of free publications were received and checked.

Robert M. Utley
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

White Sands

Box 231, Alamogordo, New Mexico.

June 23, 1949.

MEMORANDUM for the Regional Director, Region Three.

JUNE TRAVEL, 1949	TRAVEL YEAR TO DATE
Visitors, 17,183 Cars, 5,883	Visitors, 82,556 Cars, 19,971

GENERAL: June has broken even our fondest expectations, in that it has surpassed, by almost 5,000 visitors, any like month in the history of the Monument. Seventeen thousand eight hundred eighty-three visitors, in three thousand eight hundred eighty-three cars, were our guests this past month. Truly, our travel season is in full swing, as the above figures show, and we are grateful to have the additional services of Seasonal Ranger, Delbert Nelson, to help handle the ever increasing visitation.

One rocket landed within our boundaries, and Superintendent Faris and myself went to the point of impact, along with the Army Recovery Unit, and there was no material damage done to the area. The missile was approximately 18 feet long and about 18 inches in diameter. There have been several firings since then but none of the missiles have landed in the Monument. One thing about this firing, you can't call your time your own as they are apt to fire at 4:00 A.M. with no warning except the customary blanket warning for the entire day. Consequently, we have to be on the alert for the Army practically all the time.

Weather conditions have been, more or less, normal for this time of the year. We have had approximately .78 of an inch of rainfall this past month, all of which we are grateful for, but wish that it had been lots more, as range conditions are powder-house dry, and too, we could use it on our clay-topped sections of road.

COMMUNICATIONS: Since we submitted our estimated expenditures for the coming year, we have received notice from the Mountain States Telephone and Telegraph Co. that the telephone rates have been increased to the tune of $12.00 a year for both stations. This, in turn, is going to increase our Communications Estimate when it comes time to allot operating funds.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Box 37, Glacier, New Mexico.

July 21, 1949.

Superintendent, Carlsbad Caverns National Park,
Carlsbad, New Mexico.

Dear Frank, 1949 Park Job to Do

Visitors, 17,188 - Down, 8,001 Visitors, 6,201 - Down, 14,171

Personnel: Prior to the present time our Rangers have been engaged in various duties, in fact it has seemed, by about 1,000 visitors, any time would be entirely inadequate for the purposes. Somehow during a 24 hour period alternating shifts, it seems therefore also needed a dry-cleaner man, who can provide this park need. Truly, our Ranger seems to be full swing, as the above figures show, and we are pleased to have the additional services of Lawrence Dwyer, Jeffrey Andrews, to help handle the ever increasing visitors.

The public health system and sanitation, and inspection of Parks and repair work in the Dairy of Lagoon, along with the long recovery job, and there was no medical change due to the crews. The activity was approximately 10 feet long and about 12 inches in diameter. There have been several fallen elms but none of the elevation were located in the Museum. Our Ranger stays this Friday, you can't get your plan you are then are out to five on 4-20 a.m. with a morning except the elevatory training meeting for the entire day. Consequently, we have to be on the alert for the long prevailing all the time.

Weather conditions have been, some or less, normal for this time of the year. We have had approximately 7" of an inch of rainfall this park month, all of which is are remarked due. We also high it had been late were, as these conditions are unusual time dry, and too, we could use it on our clay-loaded services of road.

Public contacts, items be established for efficient equipment for the coming year, we have received medical and the similar. During telephone and telegraph co. that the telephone rules have been increased to the tune of $1.00 a year for the help additions. Food, in turn, is going to increase or [illegible] time be also operating Fred.

UTILITIES: Dog Canyon water was checked again on the 18th and found to be flowing approximately 550 gallons per hour.

COMPLAINTS: No complaints of any nature have been received in this office, to speak of, other than the usual complaints about the heat. The temperature has gone up to 102, which is the hottest so far, and higher temperatures are expected.

CONCESSION: Gross receipts for the month were approximately the same as last year at this time, despite the reduction of prices.

PERSONNEL: Superintendent Faris, our Tourist Host School Teacher and Goodwill Ambassador, returned from the trip with an acute stomache disorder - possibly Ptomaine - that put him in bed for a few days, and now he has had a recurrence of the same malady. At this writing he is well on the road to recovery and will probably be up and around in a day or two.

Delbert Nelson, our Seasonal Ranger last year, has returned to the same position as of June 4. Mr. Nelson was an exceptionally good hand last season, and from all indications, will be better this year, since he has that much more experience in his duties. Incidentally, it is in order to announce that he is getting married, to the girl of his choice, on the 25th of this month. Miss Gibson is a local girl. We all join in wishing them all the success and happiness possible.

Operator Shepperd is recovering nicely from his broken ankle, and will probably be on duty before long. His being off has crimped our style considerably, but we have managed to get along by putting in some long, extra hours and neglecting some of the other work.

Ranger Chittum has been notified of his appointment as Zone Chairman of the Lion's Clubs of Alamogordo, Tularosa, Cloudcroft, Ruidoso, Carrizozo, and Capitan.

Harold J. Chittum,
Acting Sup't.

UTILITIES: Dog Canyon water was checked again on the 1st and found to be flowing approximately 300 gallons per hour.

CONDITIONS: No complaints of any nature have been received in this office, to speak of, other than the usual complaints about the heat. The temperature has gone up to 104, which is the hottest so far, and higher temperatures are expected.

CONVENTION: Cross receipts for the month were approximately the same as last year at this time, despite the reduction of prices.

PERSONNEL: Superintendent Davis, our Ranger Jack Jones and CCC Commander, returned from the trip with an acute intestinal disorder - possibly Amoebic - that got the better of them for a few days, and now he has had a recurrence of the same malady. It will working be it well on the road to recovery and will probably be up and around in a day or two.

Walter Nelson, our seasonal Ranger last year, has returned to the same position as of 1st. Mr. Nelson was so exceptionally good last season, and from all indications, will be better this year, since he has had much more experience in his duties. Personally, it is in order to announce that he is getting married, to the girl of his choice, on the 20th of this month. This places in a local city. We all join in wishing them all the success and happiness possible.

Operator Shepard is recovering nicely from his broken ankle, and will probably be on duty before long. The doing all has upset our style considerably, but we have managed to get along by pushing in some line, which have not neglecting some of the other work.

Our Citizen has been notified of its appointment as from Chairman of the Lion's Club of Alamogordo, relative, Chamber of, Auditor, Surveyor, and Engineer.

Harold A. Latham,
Acting Supt.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona

June 25, 1949.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Walnut Canyon National Monument for June, 1949.

Visitors this month, 3366; travel year to date, ~~7734~~ 10240; total for fiscal year, ~~25,654~~ 21,296.

Weather Cold windy days with more rain than usual slowed visitor travel on some days. The extra moisture brought up quite a crop of weeds, particularly around the parking area.

Administration An unusual event occurred on June 10 when Supt. Jones of Wupatki was awarded a Certificate of Honorable Mention and $100 in cash by the Board of Awards of the Department's Suggestions Committee. Jones' suggestion was that cut out raised letters be used on signs to facilitate their maintenance. The award was made by Supt. Hastings in the presence of interested visitors and Park Service personnel and their families from Wupatki and Walnut Canyon.

All redords of expenses during the 1949 fiscal year were checked and estimates prepared for 1950.

The water meters of all permittees were read May 31.

The Army Dodge pick-up was left in Flagstaff over night for repairs to a broken valve spring.

Prospects of getting commercial electric power for this monument by early fall are good. This was promised by the power company in 1947. A recent change in ownership of the company has placed them in a better position to supply this service. Mr. Geo. A. Hill, new business manager of the company, called at the monument on June 24 and made a thorough inspection of needs and existing installations and indicated we could expect service by early fall.

Personnel Robert H. Viklund reported for duty as temporary ranger on June 1. This is Viklund's third summer as Temporary Ranger and he has had additional experience on stabilization and maintenance work.

Maintenance and Improvements The floor of the museum was given two coats of wax, the first time it has ever been waxed.

Ranger Viklund completed painting green woodwork in the lobby and painted window frames. Cement floors in both office and workroom are

being given two coats of a varnish-like floor hardener.

The fuel oil stove at the office was dismantled for cleaning and the chimney cleaned.

All floors in the Superintendent's residence were given two coats of wax.

A small trash burner made from stone was completed. This will hold about three barrels of trash and will help solve the problem of what should be done with papers, etc. that the Forest Service does not want left on our garbage dump.

Advantage was taken of a long rain on June 18 to plant a patch of lawn in front of the Superintendent's residence.

Visitors Travel for the fiscal year was 21,296 which was 683 more than the 20,613 counted last year.

Visitors this month totaled 3366 in 561 cars. Of these 2450 were contacted in 59.4 hours. 921 visitors in 177 parties saw the museum on Sundays, holidays, and other short periods when the light plant was running to illuminate the display cases. 24 picnic parties including 372 visitors used the picnic area.

A bus load of 27 high school seniors from Crane, Texas visited the monument May 29.

On June 13 a class of 25 students studying conservation under the direction of Dr. Agnes Allen were here from Arizona State College, Flagstaff.

A party of 50 students and their families were here from the college on June 19.

On June 1st a party of 240 boys from Boy's State meeting in Flagstaff visited the monument from 6:00 until 9:00 P.M. Most of the boys saw the museum and all went around the ruins trail which we believe establishes a record for the most people seeing the ruins in the least time. Ice-cold pop was served to the entire group by the Flagstaff Chamber of Commerce at the picnic ground.

Also on June 1 a party of 40 sixth grade students and their sponsors from Emerson School, Flagstaff visited the monument.

Fires and Fire Control On June 12 what appeared to be a sizable fire down the Canyon was spotted from The Point. All hands responded but only a cloud of fog was found.

On June 13 Ranger Viklund responded to a call from the Forest Service to help put out a fire near Kellum's Pasture.

On June 14 Ranger Leding and Maintenance man Bean assisted the Forest Service from 1:00 until 9:30 P.M. in controlling a fire on Strawberry Crater.

being given the youth of a vocational-type Junior Auditorium.

The Dual Oil Alarm at the Office was introduced the already and the already standard.

All Phase 1c the Superintendent's residence were given the area of war.

A small train burner made from stone was complete. This will help keep burns burning at first and will help prove the practical that should be done with payment, etc. that the Parent Service was not was left to our Uniform Group.

Attention was taken of a long trip on June 30 to place a basin of lawn in front of the Superintendent's residence.

Visitors: Guests for the Final year has 22,344 which was 4,271 more than the 18,073 reported last year.

Visitors this month numbered 5340 in 843 cars. Of these 2138 were students in 18.1 hours. 321 visitors in 117 parties are the average on Sunday, holidays, and other days parties then the light visit and reading to illustrate the display areas. 31 visit parties including 371 visitors used the picnic area.

A low load of 27 high school pupils from Ryan. These visited the museum May 23.

On June 12 a class of 30 students studying conservation visited the attention station. Upper Cities were here from Chicago State College, Flagstaff.

A party of 30 students and their families were here from the Indian on June 18.

On June 1st a party of 240 boys from Boy's Club meeting in Flagstaff visited the museum from 2:00 until 5:00 P.M. Most of the boys saw the museum and all used compass the rates until about a million attendance - because for the most people seeing the valley in the Saint Clair. The-old pay was served to the entire group by the Flagstaff Chamber of Commerce at the picnic ground.

Also on June 1 a party of 60 state park employees and their families from Tucson Ranger, Flagstaff visited the museum.

Flies and Fire Control: On June 1st smoke appeared to be a smoke from some the Canyon was reported from the Point. All lands surrounded for only a small of fog was found.

On June 12 Ranger Tilford responded to a call from the Tucson Service to help put out a fire near Tolman's Station.

On June 13 Ranger Dalton and Maintenance men have worked the Ranger Service from 1:30 until 5:30 P.M. in controlling a fire in Hermosa Trail.

Two 55 gallon steel drums have been filled with water for fire protection. Each barrel has a cover to keep out litter and wild life and across each cover two buckets full of water are suspended. Both buckets and barrels have been painted with aluminum paint and marked "For Fire Only". One unit was placed on the side of the picnic ground away from the hydrant and the other barrel near the workshop and garage.

Gallon paint buckets were cleaned, painted with aluminum paint, and marked "Please extinguish fires with water". A bucket was left at each of the five fire grates in the picnic area in the hope that visitors will use the water instead of cinders to extinguish their fires. Cinders do not always put out the fire and when mixed with ashes and charcoal, they make quite a mess.

National Park Service Visitors Superintendent Jones and Milton J. McColm from the Regional Office were here May 25. Architect Kenneth Saunders was here May 27. Ranger and Mrs. Richert were here from Tuzigoot on June 9. Paul Thomas and Harold Marsh were here for a short stop on June 9. Supt. and Mrs. Brewer were here from Navajo on June 12 and Engineer Bradley was here June 21.

Former Supt. Baxter is attending college in Flagstaff this summer and on visits to the monument has been able to offer helpful information on trails, boundaries, etc.

Roads and Trails Work on our entrance road has been carried on by Maintenance man Joe Bean and Ranger Leding throughout the month. A total of 127 dump truck loads of cinders was spread on our entrance road, utility and service roads. These cinders are hauled from a source about ten miles away and considerable difficulty has been encountered in blasting them loose for loading.

Signs A new directional "Trail To Ruins" sign was placed at the beginning of the loop trail around the "Island".

A new "Water" sign has been prepared and will be placed on the picnic ground.

Two "Trail To Ruins" signs were refinished and the "Road Closed - No Trespassing" sign for the road to the Log Cabin is being refinished.

Southwestern Monuments Association Sales During the quarter just ending $122 was collected from the sale of books, postcards, etc. On June 24 Ranger Leding completed a display rack so that post cards and pictures may be offered on a Self-Serve basis.

Homer F. Hastings,
Superintendent.

Wupatki

Flagstaff, Arizona

June 25 49

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of June.

Weather: Unusual weather continued through the month of June. First of all, we have had a total of .66 inches of precipitation compared to a normal for the month of June of .19 inches. This precipitation figure is closely approaching our previous record, set in June 1940, of .73 inches, and exceeds that of the wet year, June 1941 when a total of .40 inches occurred.

Weather Bureau precipitation graphs have always shown Wupatki falling into an area of higher precipitation than our records indicate. They are now realizing this error and will correct it when a full ten year period of observations is complete.

At the request of the Weather Bureau special observations were made at 11:30 A.M. each day, June 8 - 17, as part of an international weather research program.

Roads: All approach roads are passable, but the wash-board condition is the source of an undue amount of oral complaint. As soon as Maintenance Man Bean returns from Walnut Canyon and our rainy season sets in this condition can be alleviated.

Travel: All previous records of travel were broken this month. With a total of 1092 visitors, 768 registered at Wupatki and 324 at the Citadel. This represents an increase of 53% over last month and a 24% increase over June 1948. Our interpretive records, however, which are by no means complete for the travel to Wupatki ruin, show guide service rendered to 826 individuals. This tends to show that our present system of recording total travel results in a figure considerably under the actual visitor use.

Special Activities: At the request of the Army Map Service corrections were made on the Flagstaff sheet of the 1:250,000 scale map series. Prominent

[illegible]

Flagstaff, Arizona

June 22 [illegible]

[illegible] for the Regional Director, Region Three.

There follows a report of activities on Navajo Reservation during the month of June.

Weather: Unusual weather continued throughout the month of June. First of all, we have had a total of .81 inches of precipitation compared to a normal for the month of June of .19 inches. This precipitation figure is already approaching our previous record, set in June 1940, of .87 inches, and exceeds the 1 of the wet year, June 1941 when a total of .4[illegible] inches occurred.

Senior Bureau precipitation gauges have always shown greater precipitation into lots as area of higher precipitation than our regular indicator. Why are the rainfall this area and will encourage is that a full the year period of observation is required.

At the request of the Superior Agency special observations were made at 11:00 A.M. each day, June 8 - 12, on part of an experimental rainfall measure program.

Forage: All grazing areas are passable, but the overgrazed condition is the source of an active amount of soil erosion. As soon as [illegible] has been returns from Spring Lodge and [illegible] season rain in this condition can be alleviated.

Travel: All previous records of travel were broken this month. [illegible] a total of 3[illegible] visitors, [illegible] registered at Ingalls and [illegible] at the Gallup. This represents an increase of [illegible] over last month and a [illegible] increase over June 1946. Our interpretive rangers, however, which are by no means complete the trend to Navajo [illegible], show quite material increase in the information. This tends to show that our present system of [illegible] total travel results in a figure considerably under the actual visitor use.

Special Activities: At the request of the Navajo Tribal Council [illegible] made on the Flagstaff stand of the [illegible] radio [illegible]. [illegible]

physiographic features and additional place names were suggested for inclusion in the new edition. One copy of the old sheet was placed in our files.

Two outside talks were given during the month. The usual discussion of history and organization of the National Park System was presented to the class in Conservation of Natural Resources at Arizona State College, Flagstaff on June 10th. An illustrated talk on points of interest around Flagstaff, especially NPS areas, was presented to 100 summer school students at the local college on June 17th. The purpose of the latter was to stimulate interest in bus tours sponsored by that institution.

Activities of Outside Agencies: The El Paso Natural Gas Company has been active in this general region during the past month, surveying a final location for the natural gas line from northwestern New Mexico to California. They claim to be north of our boundaries, but this is doubtful. One final location was within the northwest corner of our area and when advised of this fact, they moved it outside by a hundred feet. Apparently they are crossing through the privately owned lands in the vicinity of Crack-in-the-Rock. A field check will be made of this line as soon as possible. If this gas line does go through the monument or to the north of it, the net result of its completion will be to open a road that will make the Crack-in-the-Rock section accessible and we shall have little control over visitors to that section of the monument. From a protection standpoint this is the most serious effect of this project, although there will naturally be considerable scarring of the landscape.

Status of Private Lands: We are pleased to report this month that an option has been obtained from the C O Bar Company for the purchase of the Heiser Springs tract. Negotiation to acquire this land and the water supply therein goes back over a period of ten years with many hours of effort resulting in the accumulation of an unduly thick file of correspondence.

Further inquiry was made on the pending exchange of state owned lands within this area in the hope that negotiations started six years ago could be brought to a conclusion.

Spring Flow: Measurements this month indicate a flow of 702 g.p.d. for Wupatki Spring, which is the highest record for June since 1940. Heiser Spring continued to flow 3,456 g.p.d., the record for any month during the past three years.

Visitors: Among the visitors to Wupatki were Dr. and Mrs. Felix Chayes of the Geophysical Lab, Carnegie Institute, Washington, D. C. Dr. Chayes is a petrologist with an interest in volcanic areas and volunteered to do some analyses of the cinder agglomerate of Wupatki Spring. He was directed to the Museum of Northern Arizona because he might be able to render valuable services in this area. Mr. and Mrs. Conrad P. Geiger of Long Island State

physiographic features and additional plans based very adequately for inclusion in the new edition. One copy of the old chart was placed in our files.

Two studies talks were given during the month. The usual discussion of history and organization of the National Park System was presented to the class in Conservation of Natural Resources at Kansas State College, Pittsburg on June 10th. An illustrated talk on points of interest around Flagstaff, especially NPS areas, was presented to 100 summer school students at the local college on June 17th. The purpose of the lecture was to stimulate interest in the tours sponsored by that institution.

Activities of Outside Economist: Of the 21 Park Service tours sponsored by Northern Arizona University during the past month, arranging a final location for the natural gas line from Northeastern Nav Tribe to California. They claim to be north of our boundaries, but this is doubtful. One final location was within the northwest corner of our area and was advised of this fact. They have asked it avoided by a boundary fact. Apparently they are crossing through the privately owned lands in the vicinity of Grand-in-the-Rock. A field check will be made of this line as soon as possible. If this gas line has to cross the monument or is one mile of it, the net result of the negotiation will be to open a road that will make the Grand-in-the-Rock section accessible and we shall have little control over visitors to that section of the monument. Final a protestation should this be the best perhaps effect of this project, although there will naturally be considerable scarring of the landscape.

Status of Private Lands: We are pleased to report this month that the option has been obtained from the C O Bar Company for the purchase of the Water Springs tract. Negotiation to acquire this land and the water supply therein has been held over a period of two years with many hours of effort resulting in the consummation of an amicably with this corporation.

Further inquiry was made on the pending acquisition of state owned lands within this area in the hope that negotiations started six years ago could be brought to a conclusion.

Spring Flow: Measurements this month indicate a flow of 7[illegible] g.p.m. for Natural Spring, which is the highest record for June since 1940. Water Spring continued to flow 5,[illegible] g.p.m. The record for last month during the past three years.

Visitors: Among the visitors to Wupatki were Dr. and Mrs. Felix Chayes of the Geophysical Lab, Carnegie Institute, Washington, D. C. Dr. Chayes is a petrologist with an interest in volcanic areas and volunteered to do some analyses of the cinder aggregate at Wupatki Spring. We are interested in the flows of further studies because it might be able to render valuable services in this area. Dr. and Mrs. Chayes D. Hunter of Long Island University

Park Commission was a visitor again this year. Mr. Geiger, an expert model builder, has offered to make us a model of the ball court for a trail side exhibit. He will also do a reconstruction drawing of Wupatki ruin from the overlook. This drawing, together with the Statement of Significance of this area, will be placed along the trail to the ruin to aid visitors in their appreciation of the monument. Other visitors included Supervisor Roland Rotty and party, Coconino National Forest; two exchange students from Switzerland and Sweden who were given special attention; writer Edgar Snow of the Saturday Evening Post, making a preliminary study of potential articles on the Flagstaff region; Superintendent and Mrs. Brewer of Navajo National Monument; Ranger and Mrs. Richert of Tusigoot National Monument; Superintendent Hastings and family of Walnut Canyon National Monument. Special groups included 55 Arizona State College, Flagstaff, students, whose arrival produced a record daily travel on June 19th of 122 visitors.

Publicity: Three press releases on this area, one being prepared by Superintendent Hastings, appeared in The Arizona Daily Sun, Flagstaff. They dealt with the award to Superintendent Jones, the official opening of the summer travel season at Sunset Crater, and the arrival on duty of Ranger Robert Euler. Favorable publicity was also received by Wupatki through a short article issued by the Weather Bureau for The Arizona Republic, Phoenix, concerning Clyde Peshlacai's weather predictions.

Personnel: Robert C. Euler entered on duty as temporary Ranger at Wupatki on June 5th. We are pleased to have Wanda and Bob back with us again this summer after their year at the University of New Mexico where Bob is working towards a Ph. D. in Anthropology. Maintenanceman Bean received notification that he had received an eligible rating for the position of Operatbr, Light and Heavy Equipment, in the examination given by the Civil Service board at the Navajo Ordnance Depot. From the Board of Awards of Interior's Suggestions Committee Superintendent Jones received an Honorable Mention certificate and was endowed with $100 less withholding tax for his suggestion on the use of cut-out letter signs. Amen! Collaborator A. E. Buchenberg is still in Florida and writes that it is unlikely that he will be here this year because of problems arising from the death of his brother-in-law.

Accessions: Thanks to the efforts of Superintendent Aubuchon and the RD a set of 11 Army technical manuals on the various practical arts of maintenance and construction were received from the AGO.

Signs: Scotch-Lite applied by Ranger Euler was found to be in good condition after one year of exposure and still adhering tightly to tempered masonite. This material is certainly better than paint and has promising uses for both regular and cut-out letter signs. Now all we want is a small fund of $25 from either the Regional office of the Director's office to subsidize our experiments.

Equipment: The old Chevrolet pick-up, transferred to us from Navajo National Monument, lacks a functioning transmission and is not considered being worth the necessary repairs.

David J. Jones
David J. Jones
Superintendent

Park Department was a visitor again this year. Mr. Baker, an expert model builder, has offered to make us a model of the hall park for a trail ride exhibit. He will also do a transportation design of Spanish rig from the museum. This design, together with the takeaway of Significance of this area, will be placed along the trail in the rig to attract more to their appreciation of the museum. Other features included Coyotes, Indian Lodge and party, Cuesta Del Rosal Trophy for outdoor athletic from Intercollegiate and Bowlen etc were given special attention during latter half of the Lecture Tour Department, making a preliminary study of potential artists on the Interior region; Superintendent and Mrs. Lower of Tonto National Monument Lodge and Mr. Elliott of Indian National Monument Superintendent Hastings and family of Petrified Forest National Monument. Special group invited to attend the Indian Council, Flagstaff, Arizona, which produced a record daily travel on Sunday 3rd of 1,200 visitors.

Publicity: Some press releases on this area, and notes prepared by Superintendent Hastings, appeared in the Arizona Daily Sun, Flagstaff. They dealt with the award to Superintendent Lower, the official opening of the Summer travel season at Petrified Forest, and the arrival or stay of Dwyer Lodge Sylar. Favorable publicity was also received by Tucson Daily Citizen through a short article issued by the Service Bureau for The Indian Leagues, Phoenix, concerning Cliff Dwellings's outdoor performance.

Personnel: Robert C. Baker entered on duty as temporary Ranger on August 20 of the 7th. He are pleased to have Bob back with us again this summer after their year at the University of New Mexico where he is working towards a M.S. in Anthropology. Entrance exams have received notification that he had received an eligible rating for the position of Operator, Light and Heavy Equipment, in the examination given by the Civil Service Board at the Navajo Ordnance Depot. From the Board of Navy of Superior Department Southern Superintendent Jones received an Honorable Mention certificate and was endowed with $100 Less withholding tax for the suggestion on the use of out-out letter signs. Annual Equipment L. T. Bunkenburg is still in Tucson and writes that it is unlikely that he will be here till year because of problems arising from his back of the Lower-Low.

Appreciations: Thanks to the efforts of Superintendent Hastings and the 27 a lot of 11 Army Technical sergeis on the various practical arts of [illegible] and construction were received from the 200.

Plans: Hatch-like equipment by Ranger Baker was found to be in good condition after one year of exposure and still admirably suitable to temporal remedies. This material is certainly better than paint and has proved very for both regular and cut-out letter signs. The all we want is a small load of [illegible] from other the Regional office of the Bureaucrats office to publicize by experiments.

Equipment: The old Chevrolet pick-up, transferred to us from Navajo National Monument, lacks a functioning transmission and is not considered being worth the necessary repairs.

Lewis L. Lewis
Superintendent

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Arches National Monument~~
Name of Area

~~June~~
Month

~~1949~~
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~1~~	~~1~~
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	~~11~~	~~54~~	~~1½~~
Other			
Total	~~11~~	~~54~~	~~16½~~

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Windows~~	~~189~~	~~672~~	~~51~~
~~Headquarters~~	~~120~~	~~353~~	~~19½~~
(Give Name or Type) Total	~~309~~	~~1025~~	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	~~12~~	~~(Mail)~~	
Other			

~~1079~~
Total Receiving Interp. Serv.

~~2475~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Bates E. Wilson

TITLE ~~Bates E. Wilson~~ ~~Superintendent~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Arches National Monument~~

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the varibus interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

AZTEC RUINS
Name of Area

JUNE
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~or Hist. House~~	224	1720	1 hr
Other Museum	313	2096	½ hr
Total	537	3816	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

3816
Total Receiving Interp. Serv.

2096
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	428
Source Books	

NAME Irving D. Townsend

TITLE Irving D. Townsend
~~Superintendent~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Bandelier
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	2	
Temporary			3

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	168	3299	90 Min.
Ruins or Hist. House			
Other			
Total	168	3299	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	14	318	65
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	14	318	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trails to Tsankawi		613	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

4230
Total Receiving Interp. Serv.

6121
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Fred W. Binnewies
Fred W. Binnewies
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		Two	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	10	40	3 hr.
Other			
Total	10	40	3 hr.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	55	250	15 Min.
Other (Not connected with conducted trip)			
Total	55	250	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

290
Total Receiving Interp. Serv.

506
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Meredith M. Guillet

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PUR[illegible] OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible] TERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Capulin Mountain National Monument~~
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		one	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	none		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	none		

ATTENDED INTERPRETIVE STATIONS	NO.		
During the month the Ranger has contacted approximately forty persons daily in the Monument area, answering inquiries, pointing out things of interest.			
(Give Name or Type) Total	none		

UNATTENDED INTERPRETIVE DEVICES	NO.		
Wayside markers pointing out five of the principal points of interest.			
(Give Name or Type) Total	five		

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other		none	

1,000
Total Receiving Interp. Serv.

3,000
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	none

NAME Homer J. Farr

TITLE Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			1

June
Month

1940
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	138	1074	50.6 Min.
Other	137	1094	21.9 Min.
Total	275	2148	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Museum etc.		711	
(Give Name or Type) Total		711	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2148
Total Receiving Interp. Serv.

1785
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	Out of print
Popular Studies	
Source Books	

NAME A.T. Bicknell

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

June
Month

1949
Year

	Interpretive	Administrative	Other
Permanent		(1) Sup't.	(1) Ranger
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	71	304	95 mins.
Other			
Total	71	304	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	62	247	19 mins.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	62	247	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

551
Total Receiving Interp. Serv.

304
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Irving McNeil, Jr.

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach roads dry and passable most of month

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EXPLANATION OF TERMS USED

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

June
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	2	9	3/4 hr.
Walks or Hikes	1	2	4 hr.
Ruins or Hist. House			
Other Horseback	4	4	8 hrs.
Total	7	15	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	1	91	1/2 hr.
Total	1	91	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	31	2055	1/4 hr.
(Give Name or Type) Total	31	2055	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Point Orientation Station	31	1120	1/4 hr.
(Give Name or Type) Total	31	1120	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	28	4 hrs.
Displays and Exhibits			
Replies to Inquiries	5		
Other			

XXXX 3309
Total Receiving Interp. Serv.

2235
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Clair V. Cooke
TITLE Clair V. Cooke, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

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120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			One

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	117	582	1¼ hr.
Ruins or Hist. House	3	18	2 hr.
Other			
Total	120	600	152¼ hr.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	13	42	1/3 hr.
Other (Not connected with conducted trip)	9	23	¼ hr.
Total	22	65	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trail to Ruins on Mesa	10	38	2 hrs.
(Give Name or Type) Total	10	38	20 hrs.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	27	1½ hr.
Displays and Exhibits			
Replies to Inquiries			
Other			

705
Total Receiving Interp. Serv.

597
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME John A. Aubuchon
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Seasonal Ranger on duty this month allowing almost 100% visitor contact.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Gran Quivira National Monument
Name of Area

June
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	72	261	60 Min
Other			
Total	72	261	60 Hrs

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

261*
Total Receiving Interp. Serv.

296
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
An additional 25 people, local residents, here to use telephone or on other business were also contacted.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

E N

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

JUNE
Month
1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Contact Station. Sundays and Lieu Days	18	2336	10 mins
(Give Name or Type) Total	18	2336	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

2336
Total Receiving Interp. Serv.
2782
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Ted C. Sovers
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 5TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120605

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	1
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	222	1312	45 Min.
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Museum (Not continuously attended)	1	1000	10 Min.
Orientation (connected with conducted tour but received by those not making tour)	1	2000	10 Min.
Museum (Montezuma Well)	1	639	15 Min.
(Give Name or Type) Total		3639	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Sycamore Trail (Montezuma Castle)	1	1800	
Nature Trail (Montezuma Well)	1	1252	
(Give Name or Type) Total		3052	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks Schroeder	1	22	30 Min.
Displays and Exhibits			
Replies to Inquiries			
Other			

8003
Total Receiving Interp. Serv.

5130
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME JOHN O. COOK

TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Natural Bridges National Monument~~
Name of Area

~~June~~
Month

~~1949~~
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Headquarters~~	~~36~~	~~54~~	~~1 hour~~
(Give Name or Type) Total	~~36~~	~~54~~	

UNATTENDED INTERPRETIVE DEVICES	NO.		
~~Headquarters~~	~~9~~	~~36~~	~~1/2 hr.~~
(Give Name or Type) Total	~~9~~	~~36~~	~~4½ hrs.~~

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other	~~1~~	~~5~~	~~Hrs.~~

~~97~~
Total Receiving Interp. Serv.

~~120~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Bates E. Wilson

TITLE ~~Bates E. Wilson~~ ~~Acting Superintendent~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~One party contacted at Blanding.~~

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD[illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

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INSTRUCTIONS FOR FILLING IN THE FORM

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COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. [illegible] each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

JUNE
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			2

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	23	56	40 min
Ruins or Hist. House	11	57	3½ hrs.
Other	1	4	30 min
	1	4	30 min.
Total	36	121	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	34	106	25
Other (Not connected with conducted trip)			
Total		106	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	7		
Other			

227
Total Receiving Interp. Serv.

111
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME J.W. Brewer Jr.
J.W. Brewer, Jr.,
TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

JUNE
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire	1	68	1
Hotel or Lodge			
Museum (Not connected with conducted trip)	1	4	1
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	2	72	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	10	80	
(Give Name or Type) Total	10	80	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	52	2 hours
Displays and Exhibits			
Replies to Inquiries			
Other			

152
Total Receiving Interp. Serv.

12957
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh.
TITLE Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

All personnel on other work.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	Days NO.		
Monument headquarters	30	473 people in 140 parties	1995 Min. Total 14 Min. avg. per party
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

473
Total Receiving Interp. Serv.

1,262
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Samuel A. King

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Interpretive program at headquarters was not constant as the superintendent was absent on several occasions.

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Fill in Only Those Blocks That Apply

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CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			1
Temporary			

June
Month

1962
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	180	951	13 min.
Total	180	951	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trailside Signs	739	2216	06 min
(Give Name or Type) Total	739	2216	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

5147
Total Receiving Interp. Serv.

5540 (estimated)
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	

NAME

TITLE Owen L. Reynolds
Ranger-in-Charge

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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EXPLANATION OF TERMS USED

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TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TONTO NATIONAL MONUMENT
Name of Area

JUNE
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Hist. House~~	128	454	45 min av.
Other			
Total	128	454	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Mig Museum Office (days)	31	1139	
(Give Name or Type) Total	31	1139	

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks (Arch. Pierson)	2	60	
Displays and Exhibits			
Replies to Inquiries			
Other			

1,643
Total Receiving Interp. Serv.

1291
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	

NAME Charles C. Sharp

TITLE Superintendent

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Archaeologist on Annual Leave, Museum unattended part of time, service to Ruins Six days per week.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Tumacacori National Monument~~
Name of Area

~~June~~ Month

~~1949~~ Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	141	773	35.49 minutes
Other			
Total	141	773	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	0		
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined information and interpretation service at registry desk or in museum. All visitors save run-arounds get this service.	1	1,612	5 mins. ave.
(Give Name or Type) Total	1	1,612	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Self-guiding museum and patio garden	2	1,611	20 mins. ave
(Give Name or Type) Total	2	1,611	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2		
Other			

3,996
Total Receiving Interp. Serv.

1,671
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	none
Popular Studies	"
Source Books	"

NAME Earl Jackson

TITLE Earl Jackson ~~Superintendent~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Visitor total includes 59 run-arounds. 2 2/3 working days were missed, because of annual and sick leave.~~

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Fill in Only Those Blocks That Apply

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Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

JUNE
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	ONE	ONE	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	627	2003	20 mins
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	625	1982	21 mins
Orientation (Not connected with conducted trip)	452	1520	5 mins
Other (Not connected with conducted trip)	1077		
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	6	(Correspondence)	
Other			

5505
Total Receiving Interp. Serv.

2210
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Everett W. Bright

TITLE Everett W. Bright, Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Walnut Canyon National Monument~~
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
~~Overlook at museum building~~	1	2450	15 min.
~~Museum~~	1	921	10 min.
(Give Name or Type) Total	2	3371	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Ruins trip into Canyon	1	2356	50 min.
(Give Name or Type) Total	1	2356	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

5727
Total Receiving Interp. Serv.

3366
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	None
Popular Studies	None
Source Books	None

NAME Homer R. Hastings

TITLE Supt.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Museum open only part time due to limited funds for operating light plant necessary for illumination.~~

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Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Report No. 9m3

White Sands National Monument
Name of Area

June
Month

1949
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes		O	
Ruins or Hist. House		N	
Other		E	
Total			

TALKS	NO.		
Campfire		N	
Hotel or Lodge		O	
Museum (Not connected with conducted trip)		N	
Orientation (Not connected with conducted trip)		E	
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
	50	12,000	1/6
(Give Name or Type) Total		12,000	

UNATTENDED INTERPRETIVE DEVICES	NO.		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts		N	
Talks		O	
Displays and Exhibits		N	
Replies to Inquiries		E	
Other			

12,000
Total Receiving Interp. Serv.

17,183
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Harold J. Chittum
Harold J. Chittum,
TITLE Acting Superintendent.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports 8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Hupatki National Monument
Name of Area

Month: June

Year: 1962

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	162	826	65 min.
Total	162	826	65 min.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nalakihu Exhibit	108	324	65 min.
(Give Name or Type) Total	108	324	65 min.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	120	60 min.
Displays and Exhibits			
Replies to Inquiries	4	mail	
Other			

1150 Total Receiving Interp. Serv.

1092 Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Superintendent

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